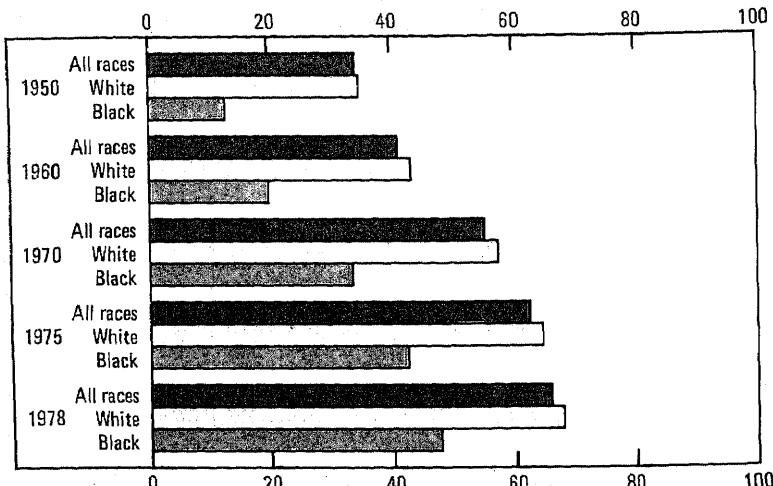


Figure 5.1

**Percent of Adults Who Have Completed
Four Years of High School or More: 1950 to 1978**

(See table 231)

Percent of persons 25 years old and over

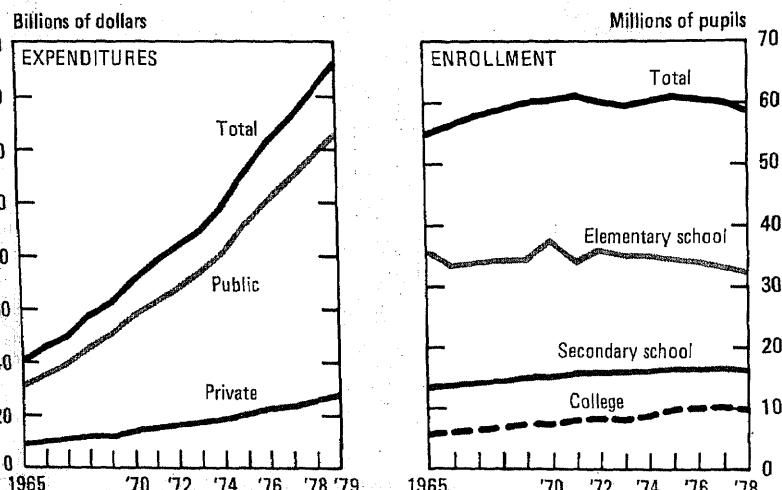


Source: U.S. Bureau of the Census.

Figure 5.2

**School Expenditures—Public and Private, and School
Enrollment, by Level of Instruction: 1965 to 1979**

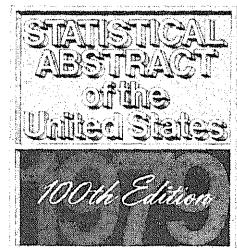
(See tables 214 and 220. Includes nursery and kindergarten)



Source: Chart prepared by U.S. Bureau of the Census. Data from U.S. Bureau of the Census and U.S. National Center for Education Statistics.

Section 5

Education



This section presents data primarily concerning formal education as a whole, at various levels, and for public and private schools. Data shown relate to the school-age population and school enrollment, educational attainment, education personnel, and financial aspects of education. In addition, data are shown for libraries, adult education, and vocational training. The chief sources are the decennial census of population and the Current Population Survey (CPS), both conducted by the Bureau of the Census (see text, page 1), and annual, biennial, and other periodic surveys conducted by the National Center for Education Statistics.

The census of population has included data on school enrollment since 1840 and on educational attainment since 1940. The CPS has reported on school enrollment annually since 1945 and on educational attainment and illiteracy periodically since 1947.

The National Center for Education Statistics (NCES), created in 1974 as part of the U.S. Department of Health, Education, and Welfare, is continuing the pattern of statistical studies and surveys conducted by the U.S. Office of Education since 1870. The annual *Digest of Education Statistics* provides summary data on pupils, staff, finances, including government expenditures, and organization at elementary, secondary, and higher education levels and is also the primary source for detailed information on Federal funds for education and related activities. Projections of enrollment, graduates, teachers, and expenditures appear in the annual *Projections of Education Statistics*. The *Condition of Education*, also issued annually, presents a summary of information on education.

Other sources of data include special studies by NCES, publications of the National Education Association, and annual or biennial reports of education agencies in individual States. The census of governments, conducted by the Bureau of the Census every 5 years (for the years ending in "2" and "7"), provides data on school district finances and State and local government expenditures for education. Reports published by the Bureau of Labor Statistics contain data relating employment experience to educational attainment. Data on vocational training are available in *Vocational and Technical Education*, issued annually by the U.S. Office of Education.

Types and sources of data.—The statistics in this section are of two general types. One type, exemplified by data from the Bureau of the Census, is based on direct interviews with individuals to obtain information about their own and their families' education. Data of this type relate to school enrollment and level of education attained, classified by age, sex, and other characteristics of the population. The school enrollment statistics reflect attendance or enrollment in any regular school within a given period; educational attainment statistics reflect the highest grade completed by an individual.

The second type, exemplified by data from NCES and the National Education Association, is based on reports from administrators of educational institutions and of local and State agencies having jurisdiction over education. Data of this type relate to enrollment, attendance, staff, and finances for the Nation, individual States, and local areas.

Unlike NCES, the Census Bureau does not regularly include specialized vocational, trade, business, or correspondence schools in its surveys. Both the Bureau of the Census and NCES include kindergartens in enrollment figures; the Census Bureau also includes all nursery schools, while NCES includes only publicly financed ones. At the higher education level, the statistics of both agencies are concerned with institutions granting degrees or offering work acceptable for degree-credit, such as junior colleges.

School attendance.—All States require that children attend school. While State laws vary as to the ages and circumstances of compulsory attendance, generally they require that formal schooling begin by age 7 and continue to age 16.

Schools.—NCES defines a *school* as "a division of the school system consisting of a group of pupils composed of one or more grade groups, organized as one unit with one or more teachers to give instruction of a defined type, and housed in a school plant of one or more buildings. More than one school may be housed in one school plant, as is the case when the elementary and secondary programs are housed in the same school plant."

Regular schools are those which advance a person toward a diploma or degree. They include public and private nursery schools, kindergartens, graded schools, colleges, universities, and professional schools. *Public* schools are schools controlled and supported by local, State, or Federal governmental agencies; *private* or *nonpublic* schools are those controlled and supported mainly by religious organizations or by private persons or organizations.

The Bureau of the Census defines *elementary* schools as including grades 1 through 8; *high* schools as including grades 9 through 12; and *colleges* as including junior or community colleges, regular 4-year colleges, and graduate or professional schools. Statistics reported by NCES and the National Education Association by type of organization, such as elementary level and secondary level, may not be strictly comparable with those from the Bureau of the Census because the grades included at the two levels vary, depending on the level assigned to the middle or junior high school by the local school systems.

School year.—Except as otherwise indicated in the tables, data refer to the school year which, for elementary and secondary schools, generally begins in September of the preceding year and ends in June of the year stated. For the most part, statistics concerning school finances are for a 12-month period, usually July 1 to June 30. Enrollment data generally refer to a specific point in time, such as fall, as indicated in the tables.

Statistical reliability.—For a discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to Census Bureau and NCES data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

NO. 211. PUBLIC AND PRIVATE SCHOOLS—NUMBER, BY LEVEL: 1940 TO 1978

(Prior to 1960, excludes Alaska and Hawaii. Schools classified by type of organization, rather than by grade-group; elementary excludes kindergarten and secondary includes junior high schools. See Appendix III and also *Historical Statistics, Colonial Times to 1970*, series H 413-417 and H 689.)

TYPE OF SCHOOL	1940	1950	1960	1966	1970	1974	1975	1976	1977	1978
Elementary ...1,000...	194.4	138.6	105.4	88.6	81.2	79.1	77.6	77.2	76.6	(NA)
Public ¹ ...1,000...	² 183.1	128.2	91.9	73.2	66.8	65.1	³ 63.6	³ 63.2	³ 62.6	(NA)
One-teacher...1,000...	² 107.7	59.7	20.2	6.5	2.1	1.4	1.2	1.2	1.1	(NA)
Nonpublic ⁴ ...1,000...	11.3	10.4	13.6	15.3	14.4	14.0	14.0	14.0	14.0	(NA)
Secondary ...1,000...	28.7	27.9	29.8	31.2	30.5	29.5	29.4	29.0	29.1	(NA)
Public ¹ ...1,000...	² 25.1	24.5	25.8	26.6	26.3	25.9	³ 25.7	³ 25.3	³ 25.4	(NA)
Nonpublic ⁴ ...1,000...	3.6	3.3	4.1	4.6	4.2	3.6	3.7	3.7	3.7	(NA)
Higher education ... ⁵ ...	1,708	1,851	2,008	2,230	2,525	2,720	2,747	2,765	2,785	2,826
Public	603	641	701	821	1,060	1,200	1,214	1,219	1,231	1,241
Private	1,105	1,210	1,307	1,409	1,465	1,520	1,533	1,548	1,554	1,585

NA. Not available. ¹ Includes combined elementary-secondary schools. ² 1942 data.

³ Excludes special education schools for the handicapped. ⁴ Partially estimated.

⁵ Universities, colleges, professional schools, teachers colleges, junior colleges, and U.S. service schools. Branch campuses not counted separately; considered part of parent institution.

Source: U.S. National Center for Education Statistics, 1940 and 1950, *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education; thereafter, *Digest of Education Statistics*, annual.

No. 212. PUBLIC AND PRIVATE SCHOOLS, BY LEVEL—STATES AND OTHER AREAS: 1977

[Schools classified by type of organization, rather than by grade-group; elementary excludes kindergarten and secondary includes junior high school. See Appendix III.]

STATE OR OTHER AREA	PUBLIC				PRIVATE			HIGHER EDUCATION ³		
	Total	Ele- men- tary	Sec- ond- ary	Com- bined elem.- second- ary	Special schools for the handi- capped	Total ¹	Ele- men- tary ²	Sec- ond- ary	Public	Private
	U.S.	88,025	61,123	23,857	1,521	1,524	17,283	11,352	2,165	1,231	1,554
Ala.	1,328	520	298	510	—	226	107	13	33	20
Alaska	400	228	97	65	10	20	5	4	1	2
Ariz.	866	639	217	2	8	177	105	19	17	5
Ark.	1,188	715	471	—	2	76	45	7	10	12
Calif.	7,372	5,492	1,543	5	332	1,978	1,279	237	122	112
Colo.	1,280	835	418	—	27	164	97	22	21	12
Conn.	1,098	865	233	—	—	321	184	71	21	24
Del.	200	136	52	—	12	65	32	10	3	4
D.C.	194	120	52	12	10	90	48	15	3	16
Fla.	2,014	1,397	496	69	52	718	373	62	37	35
Ga.	1,766	1,284	438	44	—	254	80	15	34	30
Hawaii	227	162	52	8	5	93	56	15	8	3
Idaho	554	357	184	10	3	26	18	2	6	3
Ill.	4,552	3,155	1,276	8	113	1,048	772	100	52	87
Ind.	2,149	1,547	510	26	66	336	247	28	6	41
Iowa	1,889	1,147	717	—	25	264	203	36	18	39
Kans.	1,651	1,124	515	—	12	114	81	12	28	23
Ky.	1,423	1,077	331	—	15	277	189	39	8	29
La.	1,523	959	342	155	67	400	230	51	13	11
Maine	761	613	132	8	8	110	38	24	4	15
Md.	1,347	990	315	21	21	371	226	55	26	21
Mass.	2,418	1,855	502	—	61	512	296	120	31	85
Mich.	4,030	2,865	1,054	24	87	762	531	89	42	48
Minn.	1,723	1,094	621	8	—	416	326	40	26	33
Miss.	1,074	646	428	—	—	135	53	15	24	18
Mo.	2,249	1,505	744	—	—	480	371	58	23	54
Mont.	802	608	194	—	—	59	38	6	9	3
Nebr.	1,775	1,379	396	—	—	199	155	27	13	13
Nev.	263	158	80	16	9	27	19	5	5	1
N.H.	476	379	97	—	—	66	25	19	10	14
N.J.	2,486	1,979	442	—	65	667	481	107	29	31
N. Mex.	625	425	175	2	23	78	53	9	8	3
N.Y.	4,354	2,976	1,183	110	85	1,746	1,190	244	79	192
N.C.	2,034	1,425	496	85	28	222	81	17	58	43
N. Dak.	773	455	318	—	—	48	37	7	9	4
Ohio	4,159	3,096	1,038	1	24	782	613	103	36	68
Okla.	1,857	1,154	700	—	3	65	39	7	27	15
Oreg.	1,284	954	329	1	—	89	62	13	20	22
Pa.	4,077	2,881	1,007	189	—	1,289	903	161	32	117
R.I.	345	268	66	1	10	103	65	16	3	8
S.C.	1,163	795	341	—	27	174	64	11	23	24
S. Dak.	794	563	220	—	11	84	51	12	6	10
Tenn.	1,711	1,226	340	60	85	194	83	30	19	44
Tex.	5,395	3,249	2,101	—	45	587	400	63	84	54
Utah	577	388	159	2	28	22	13	3	9	4
Vt.	402	329	60	10	3	52	15	20	6	16
Va.	1,783	1,237	465	48	33	252	126	34	36	33
Wash.	1,688	1,085	531	21	51	238	142	21	31	15
W. Va.	1,278	898	337	—	43	64	39	9	16	10
Wis.	2,259	1,629	619	—	11	776	654	60	29	28
Wyo.	389	260	125	—	4	17	12	2	8	—
U.S. service schools	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	9	—
Other areas	1,940	1,419	274	227	20	(NA)	(NA)	(NA)	47	8

¹ Represents zero. ² NA. Not available. ³ X. Not applicable. ¹ Includes 2,575 combined elementary and secondary schools, 927 special education schools, and 264 miscellaneous types, not shown separately. ² Includes middle schools. ³ Branch campuses not counted separately; considered part of parent institution.

* Includes Trust Territory of the Pacific Islands.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics, 1978-79*; and unpublished data.

NO. 213. SCHOOL ENROLLMENT, BY TYPE OF SCHOOL: 1950 TO 1977

[In thousands. Prior to 1960, excludes Alaska and Hawaii. Through 1960, for school year; thereafter, as of fall of preceding year. See *Historical Statistics, Colonial Times to 1970*, series H 421-429, for kindergarten, elementary, and secondary. See also Appendix III.]

TYPE OF SCHOOL	1950	1960	1966	1970	1972	1973	1974	1975	1976	1977
Total	31,319	45,228	54,306	58,566	59,394	59,318	59,080	59,677	59,817	59,201
Kindergarten ¹	1,175	2,293	2,493	2,821	2,683	2,710	2,838	3,002	3,164	3,138
Public	1,034	1,928	2,262	2,601	2,483	2,502	2,639	2,784	2,945	2,919
Nonpublic	² 133	³ 354	212	³ 200	³ 180	³ 190	³ 180	³ 200	³ 200	³ 200
Grades 1-8 ⁴	21,032	30,119	33,266	34,190	33,697	33,034	32,297	32,019	31,118	30,664
Public	18,353	25,679	28,315	29,996	29,782	29,342	28,694	28,137	27,542	27,087
Nonpublic	³ 2,675	³ 4,286	4,763	³ 4,000	³ 3,720	³ 3,510	³ 3,420	³ 3,700	³ 3,400	³ 3,400
Residential schools for exceptional children ⁵	6 49	⁷ 59	³ 85	³ 87	³ 87		³ 85	³ 85	³ 83	³ 83
Federal schools:						³ 4 182	33	31	29	29
For Indians	20	25	32	34	34		25	25	23	24
On Fed. installations	(NA)	19	29	³ 33	³ 33					
Grades 9-12 ⁴	6,453	9,600	13,021	14,418	15,214	15,309	15,427	15,633	15,804	15,810
Public high schools	5,725	8,485	11,597	13,022	13,816	13,909	14,076	14,132	14,304	14,310
Nonpublic high schools	³ 672	³ 1,035	1,329	³ 1,300	³ 1,300	³ 1,250	³ 1,400	³ 1,400	³ 1,400	³ 1,400
Residential schools for exceptional children ⁵	⁶ 10	⁷ 24	³ 35	³ 37	³ 39		³ 41	³ 41	³ 41	³ 41
Federal schools:						³ 4 100	11	11	11	11
For Indians	8	12	14	³ 12	³ 12		4	4	3	3
On Fed. installations	(NA)	1	³ 3	³ 3	³ 3					
Higher education ⁸	2,659	3,216	5,526	7,136	7,800	8,265	8,518	9,023	9,731	⁹ 589
Publicly controlled	1,355	1,832	3,624	5,112	5,745	6,159	6,389	6,638	7,426	⁷ 275
Privately controlled	1,304	1,384	1,902	2,024	2,055	2,106	2,130	2,185	2,306	² 314

NA. Not available. ¹ Includes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools, not shown separately. ² Data from U.S. Bureau of the Census, *Current Population Reports*, series P-20. ³ Estimated. ⁴ Includes subcollegiate departments of institutions of higher education, not shown separately. ⁵ Schools for blind, deaf, mentally deficient, epileptic, and delinquent. ⁶ 1946 data. ⁷ Estimate based on 1958 survey. ⁸ Excludes subcollegiate departments of institutions of higher education. Degree-credit enrollment only.

Source: U.S. National Center for Education Statistics, *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education, and *Digest of Education Statistics*, annual.

NO. 214. SCHOOL EXPENDITURES—PUBLIC AND NONPUBLIC, BY TYPE OF CONTROL AND LEVEL OF INSTRUCTION: 1950 TO 1979

[In billions of dollars, except percent. Prior to 1960, excludes Alaska and Hawaii. For school years ending in year shown. Includes nursery, kindergarten, and special programs when provided by school system. Nonpublic elementary and secondary school expenditures are estimates. See *Historical Statistics, Colonial Times to 1970*, series H 494, 498, and 500 for related but not comparable data and H 513-519 for private schools. See also Appendix III.]

CONTROL AND LEVEL	1950	1960	1966	1970	1972	1973	1974	1975	1976	1977	1978	1979 ¹
Total ²	\$ 8.80	424.7	45.2	70.4	83.0	89.7	98.0	111.1	121.8	131.0	141.2	151.5
Percent of GNP ⁵	3.3	5.0	6.3	7.3	7.5	7.2	7.2	7.6	7.5	7.3	7.1	(NA)
Current expenditures ⁶	7.23	20.2	37.6	60.8	73.7	81.0	88.0	100.0	110.4	118.9	128.9	138.8
Capital outlay ⁷	1.57	4.5	7.6	9.6	9.3	8.7	10.0	11.1	11.4	12.1	12.3	12.7
Public	7.06	19.7	35.3	56.8	67.4	72.8	80.1	91.3	100.2	107.6	115.9	124.4
Percent of total	80.2	79.8	78.1	80.7	81.2	81.6	81.3	82.2	82.3	82.1	82.1	82.1
Current expenditures ⁶	5.77	16.1	29.4	49.0	59.8	65.7	71.9	82.1	90.7	97.5	105.7	113.9
Elementary and secondary ⁸	4.87	13.1	22.7	36.3	43.8	48.0	52.2	59.3	65.2	70.6	75.1	80.6
Higher education	.90	3.0	6.7	12.7	16.0	17.7	19.7	22.8	25.5	26.9	30.6	33.3
Capital outlay ⁷	1.29	3.6	5.9	7.8	7.6	7.1	8.2	9.2	9.5	10.1	10.2	10.5
Elementary and secondary ⁸	1.01	2.8	3.8	4.7	4.5	4.1	5.0	5.7	5.9	6.2	6.4	6.4
Higher education	.28	.8	2.1	3.1	3.1	3.0	3.2	3.5	3.6	3.9	3.8	4.1
Nonpublic	1.74	5.0	9.9	13.6	15.6	16.9	17.9	19.8	21.6	23.4	25.3	27.1
Current expenditures ⁶	1.46	4.1	8.2	11.8	13.9	15.3	16.1	17.9	19.7	21.4	23.2	24.9
Elementary and secondary ⁸	.65	1.7	3.0	4.2	5.0	5.7	5.9	6.6	7.3	8.0	8.6	9.3
Higher education	.81	2.4	5.2	7.6	8.9	9.6	10.2	11.3	12.4	13.4	14.6	15.6
Capital outlay ⁷	.28	.9	1.7	1.8	1.7	1.6	1.8	1.9	1.9	2.0	2.1	2.2
Elementary and secondary ⁸	.14	.4	.5	.5	.5	.5	.6	.6	.7	.7	.7	.7
Higher education	.14	.5	1.2	1.3	1.2	1.1	1.2	1.3	1.2	1.3	1.4	1.5

NA. Not available. ¹ Data are projections. ² Excludes schools of nursing not affiliated with colleges and universities. ³ Excludes higher education current expenditures for auxiliary enterprises and other noneducation current-fund expenditures. ⁴ Excludes residential schools for exceptional children. ⁵ GNP=Gross national product; see section 14. Data are for fiscal years ending in years shown. ⁶ Includes interest.

⁷ Includes plant expansion. ⁸ See footnote 1, table 215.

Source: U.S. National Center for Education Statistics, 1950, *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education; thereafter, *Digest of Education Statistics*, annual; and *Projections of Education Statistics to 1986-87*.

NO. 215. SCHOOL EXPENDITURES, BY SOURCE OF FUNDS: 1960 TO 1979
 [Estimates for school years ending in years shown. See Appendix III]

TYPE OF SCHOOL AND SOURCE OF FUNDS	TOTAL (bil. dol.)										PERCENT			
	1960	1966	1970	1973	1974	1975	1976	1977	1978	1979, proj.	1960	1970	1975	1979, proj.
	Total	24.7	45.2	70.4	89.7	98.0	111.1	121.8	131.0	141.2	151.5	100.0	100.0	100.0	100.0
Federal	1.7	5.0	7.5	9.8	10.2	12.1	13.0	14.4	15.1	16.2	6.9	10.7	10.9	10.7
State	7.2	13.1	22.2	29.4	33.3	38.7	43.9	47.5	50.9	54.8	29.1	31.5	34.8	36.2
Local	9.7	15.1	22.6	28.1	29.8	33.2	35.1	37.1	40.1	42.7	39.3	32.1	29.9	28.2
All other	6.1	12.0	18.1	22.4	24.7	27.1	29.8	32.0	35.1	37.8	24.7	25.7	24.4	24.9
Public	19.7	35.3	56.8	72.8	80.1	91.3	100.2	107.6	115.9	124.4	79.8	80.7	82.2	82.1
Federal	1.2	3.6	5.8	7.8	8.3	9.8	10.5	11.7	12.2	13.1	4.8	8.2	8.8	8.6
State	7.2	13.0	22.1	29.2	33.0	38.4	43.6	47.2	50.5	54.4	29.1	31.4	34.6	35.9
Local	9.7	15.1	22.5	28.0	29.7	33.1	35.0	37.0	40.0	42.6	39.3	32.0	29.8	28.1
All other	1.6	3.6	6.4	7.8	9.1	10.0	11.1	11.7	13.2	14.3	6.5	9.1	9.0	9.4
Nonpublic	5.0	9.9	13.6	16.9	17.9	19.8	21.6	23.4	25.3	27.1	20.2	19.3	17.8	17.9
Federal	.5	1.4	1.7	2.0	1.9	2.3	2.5	2.7	2.9	3.1	2.0	2.4	2.1	2.0
State and local	(2)	.1	.2	.3	.4	.4	.4	.4	.5	.5	(2)	.2	.4	.3
All other	4.5	8.4	11.7	14.6	15.6	17.1	18.7	20.3	21.9	23.5	18.2	16.6	15.4	15.5
Elementary and secondary ¹	18.0	30.0	45.7	58.3	63.7	72.2	79.1	85.5	90.8	97.0	100.0	100.0	100.0	100.0
Federal	.7	2.1	3.4	4.7	5.1	6.0	6.5	7.4	7.4	7.9	3.9	7.4	8.3	8.1
State	5.6	9.6	15.8	20.5	23.6	27.2	31.1	34.0	35.7	38.3	31.1	34.6	37.7	39.5
Local	9.5	14.7	21.7	26.8	28.4	31.7	33.4	35.3	38.2	40.6	52.8	47.5	43.9	41.9
Public	15.9	26.5	41.0	52.1	57.2	65.0	71.1	76.8	81.5	87.0	88.3	89.7	90.0	89.7
Federal	.7	2.1	3.4	4.7	5.1	6.0	6.5	7.4	7.4	7.9	3.9	7.4	8.3	8.1
State	5.6	9.6	15.8	20.5	23.6	27.2	31.1	34.0	35.7	38.3	31.1	34.6	37.7	39.5
Local	9.5	14.7	21.7	26.8	28.4	31.7	33.4	35.3	38.2	40.6	52.8	47.5	43.9	41.9
All other	1.1	1.1	.1	.1	.1	.1	.1	.1	.2	.2	.6	.2	.1	.2
Nonpublic	2.1	3.5	4.7	6.2	6.5	7.2	8.0	8.7	9.3	10.0	11.7	10.3	10.0	10.3
Institutions of higher education	6.7	15.2	24.7	31.4	34.3	38.9	42.7	45.5	50.4	54.5	100.0	100.0	100.0	100.0
Federal	1.0	2.9	4.1	5.1	5.1	6.1	6.5	7.0	7.7	8.3	14.9	16.6	15.7	15.2
State	1.6	3.5	6.4	8.9	9.7	11.5	12.8	13.5	16.2	16.5	23.9	25.9	29.6	30.3
Local	.2	.4	.9	1.3	1.4	1.5	1.7	1.8	1.9	2.1	3.0	3.6	3.9	3.9
All other	3.9	8.4	13.3	16.1	18.1	19.8	21.7	23.2	25.6	27.6	58.2	53.9	50.9	50.6
Public	3.8	8.8	15.8	20.7	22.9	26.3	29.1	30.8	34.4	37.4	56.7	64.0	67.6	68.6
Federal	.5	1.5	2.4	3.1	3.2	3.8	4.0	4.3	4.8	5.2	7.5	9.7	9.8	9.5
State	1.6	3.4	6.3	8.7	9.4	11.2	12.5	13.2	14.8	16.1	23.9	25.5	28.8	29.5
Local	.2	.4	.8	1.2	1.3	1.4	1.6	1.7	1.8	2.0	3.0	3.2	3.6	3.7
All other	1.5	3.5	6.3	7.7	9.0	9.9	11.0	11.6	13.0	14.1	22.4	25.5	25.4	25.9
Nonpublic	2.9	6.4	8.9	10.7	11.4	12.6	13.6	14.7	16.0	17.1	43.3	36.0	32.4	31.4
Federal	.5	1.4	1.7	2.0	1.9	2.3	2.5	2.7	2.9	3.1	7.5	6.9	5.9	5.7
State and local	(2)	.1	.2	.3	.4	.4	.4	.4	.5	.5	(2)	.8	1.0	.9
All other	2.4	4.9	7.0	8.4	9.1	9.9	10.7	11.6	12.6	13.5	35.8	28.3	25.4	24.8

Z Less than \$50 million or less than .05 percent.
 Federal schools for Indians, and federally operated schools on military posts; includes items not shown separately.

¹ Includes residential schools for exceptional children.

NO. 216. FEDERAL OUTLAYS FOR EDUCATION AND RELATED ACTIVITIES: 1960 TO 1979

[In millions of dollars. Years ending June 30 except, beginning 1977, ending Sept. 30. See headnote, table 217.]

YEAR	OUTLAYS SUPPORTING EDUCATION IN EDUCATIONAL INSTITUTIONS					Other outlays for education and related activities	
	Total	Grants					
		Total	Elementary, secondary	Higher education	Vocational-technical		
1960	1,734	1,493	490	830	173	240	
1966	5,844	5,232	2,037	2,272	923	3,820	
1970	9,236	8,728	3,212	3,911	1,604	3,417	
1971	10,950	10,615	3,724	4,396	1,995	334	
1972	11,782	11,433	3,857	5,172	2,404	349	
1973	12,696	12,350	4,085	5,965	2,300	346	
1974	13,090	12,739	4,207	6,064	2,487	352	
1975	17,604	17,125	4,998	7,992	4,135	480	
1976	19,553	19,157	4,819	9,675	4,662	396	
1977	18,788	18,466	5,065	8,899	4,503	322	
1978	21,452	20,293	5,698	8,635	5,960	1,159	
1979, est.	23,018	21,919	6,485	9,085	6,348	1,100	

Source of tables 215 and 216: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 217. FEDERAL OUTLAYS FOR EDUCATION AND RELATED ACTIVITIES: 1970 TO 1979

(In millions of dollars, except percent. For years ending June 30 except, beginning 1977, ending September 30. Includes Puerto Rico and outlying areas. Minus sign (-) denotes repayments exceeding new loans for data on loans and decrease for percent change. For explanation of average annual percent change, see Guide to Tabular Presentation)

TYPE OF SUPPORT, LEVEL, AND PROGRAM AREA	1970	1973	1974	1975	1976	1977	1978	1979, est.
Federal outlays supporting education in educational institutions, total—	9,236	12,696	13,090	17,604	19,553	18,788	21,452	23,018
Average annual percent change—	18.4	11.2	3.1	34.5	11.1	-3.9	14.2	7.3
Grants	8,728	12,350	12,739	17,125	19,157	18,466	20,293	21,919
Elementary-secondary education ¹ —	8,212	4,085	4,207	4,998	4,819	5,065	5,698	6,485
School assistance—Fed. affected areas—	656	580	559	619	599	705	810	781
Assistance for educationally deprived ² —	1,208	1,560	1,534	2,765	2,647	2,856	3,244	3,892
Economic opportunity ³ —	534	719	730	361	336	377	352	368
Supporting services ⁴ —	296	318	274	361	336	377	352	368
Teacher Corps—	18	32	33	39	24	3	10	12
Vocational education—	181	306	290	351	388	309	326	371
Dependents' schools abroad—	137	191	218	235	237	280	302	372
Public lands revenue for schools—	82	91	110	149	131	93	256	282
Assistance in special areas ⁵ —	79	177	160	136	118	84	88	89
Veterans education—	6	44	67	114	140	92	76	66
Emergency school assistance—	—	43	185	197	172	181	208	225
Higher education —	2,3911	5,965	6,064	7,992	9,675	8,899	8,635	9,085
Basic research in U.S. educational institutions proper ⁷ —	984	1,175	1,300	1,271	1,421	1,638	1,855	2,070
Research facilities ⁷ —	225	205	183	188	225	312	453	452
Training grants, fellowships, traineeships—	898	969	998	1,082	1,037	985	1,070	1,101
Facilities and equipment—	513	462	263	336	296	329	125	102
Other institutional support—	178	340	364	428	488	458	518	573
Other student assistance—	1,102	2,824	2,956	4,708	6,209	5,177	4,615	4,787
Vocational-technical and continuing—	1,604	2,300	2,467	4,135	4,682	4,503	5,960	6,348
Vocational, technical and work training ⁸ —	1,269	1,475	1,495	3,037	3,405	3,575	5,135	5,687
Veterans education—	245	658	800	899	984	687	564	391
General continuing education ⁹ —	66	150	148	152	208	190	206	212
Training of Federal, State, and local government personnel—	25	17	24	47	65	51	54	58
Loans, higher education —	508	346	352	480	396	322	1,159	1,100
Student loan program, NDEA ¹⁰ —	197	325	363	449	420	378	1,019	1,019
College facilities loans ¹¹ —	311	21	-11	31	-24	-57	140	81
Other Federal outlays for education and related activities, total —	3,417	4,706	4,847	5,863	6,135	7,539	7,922	7,781
Average annual percent change—	1-1.8	11.3	3.0	21.0	4.6	22.9	5.1	-1.8
Applied research and development ⁷ —	1,240	1,465	1,709	2,067	2,166	2,575	2,836	2,921
School lunch and milk programs—	676	1,298	1,287	1,832	1,890	2,792	2,810	2,699
Training of Federal military personnel—	676	1,058	968	996	975	1,037	1,058	881
Professional training, military—	492	780	720	727	694	754	761	544
U.S. military academies—	184	276	247	270	282	282	297	337
Library services—	170	187	207	228	250	211	235	255
International education—	193	78	95	93	74	105	130	159
Educational exchange program—	31	28	31	32	33	35	41	47
Agency for Int'l Development projects—	111	23	47	45	33	46	66	97
ACTION ¹² and other—	51	27	17	16	8	24	23	15
Other ² —	460	642	602	646	780	819	854	866
Agricultural extension service—	125	186	193	219	219	239	254	252
Educational television facilities ¹³ —	19	29	22	65	79	110	132	137
Education in Fed. correct'l institutions—	5	9	10	11	12	7	9	12
Surplus personal property transferred ¹⁴ —	246	277	256	216	205	262	246	246
Surplus real property transferred ¹⁵ —	12	25	18	37	22	29	13	16 13

¹ Represents zero. ² Change from 1968.

³ Includes other outlays not shown separately.

⁴ Comprises Elementary and Secondary Education Act Title I, handicapped children, dropout prevention, bilingual education, Kendall School for the Deaf, and Model School for the Deaf.

⁵ Comprises Office of Economic Opportunity, Indian education, Appalachian Regional Development, Department of Labor, and Head Start preschool.

⁶ Comprises supplemental centers school library materials, strengthening of State education agencies, captioned films for the deaf, dissemination of information, school counseling and testing, American Printing House for the Blind, planning and evaluation, and equipment and minor remodeling.

⁷ Comprises funds for District of Columbia, Canal Zone, territories and dependencies, Cuban refugees, and payments in lieu of taxes other than P.L. 81-874 and P.L. 81-815 for federally affected areas.

⁸ Data from U.S. National Science Foundation, *Federal Funds for Research, Development, and Other Scientific Activities*. Higher education data include university operated research and development centers.

⁹ Comprises adult vocational education and manpower training programs.

¹⁰ Comprises Office of Education, ACTION (see footnote 12), Social and Rehabilitation Service, Dept. of Housing and Urban Development, Office of Economic Development, and additional programs for continuing education.

¹¹ Comprises National Defense Education Act and insured student loans.

¹² Comprises net amounts (loans minus loan repayments) for Dept. of Housing and Urban Development college housing loans, Office of Education college facilities loans, and Federal loans to the District of Columbia for school construction.

¹³ Previously Peace Corps.

¹⁴ Includes education broadcasting facilities.

¹⁵ Fair value.

¹⁶ 1978 data.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 218. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS: 1970 TO 1978

[In millions of persons 3 to 34 years of age. As of October. Elementary includes grades 1-8; high school, grades 9-12. College data represent degree-credit enrollment]

LEVEL	1970			1975			1977			1978		
	Total	Pub- lic	Pri- vate									
Total	60.4	52.2	8.1	61.0	52.8	8.2	60.0	51.6	8.4	58.6	50.0	8.6
Nursery	1.1	.3	.8	1.7	.6	1.2	1.6	.6	1.1	1.8	.6	1.2
Kindergarten	3.2	2.6	.5	3.4	2.9	.5	3.2	2.7	.5	3.0	2.5	.5
Elementary	34.0	30.0	3.9	30.5	27.2	3.3	29.2	26.0	3.3	28.5	25.3	3.2
High school	14.7	13.5	1.2	15.7	14.5	1.2	15.8	14.5	1.2	15.5	14.2	1.2
College	7.4	5.7	1.7	9.7	7.7	2.0	10.2	7.9	2.3	9.8	7.4	2.4

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 222, 319, 333, and 335.

NO. 219. ENROLLMENT IN PUBLIC AND NONPUBLIC SCHOOLS, BY LEVEL: 1965 TO 1977, AND PROJECTIONS, 1980 AND 1985

[In thousands. As of fall. Elementary school covers kindergarten through 8th grade; secondary, grades 9 through 12 and postgraduates in secondary schools. Both are for regular day schools. Data do not include independent nursery schools and kindergartens, residential schools for exceptional children, subcollegiate departments of colleges, Federal schools for Indians, and federally operated schools on Federal installations. College data include degree-credit and nondegree-credit enrollment]

YEAR	TOTAL ENROLLMENT			ELEMENTARY		SECONDARY		COLLEGE	
	Total	Public	Non-public	Public	Non-public	Public	Non-public	Public	Non-public
1965	54,394	46,143	8,251	30,563	4,900	11,610	1,400	3,970	1,951
1970	59,890	52,337	7,553	32,577	4,100	13,332	1,300	6,428	2,153
1972	59,958	52,814	7,144	31,881	3,700	13,913	1,300	7,070	2,144
1973	59,933	52,850	7,083	31,883	3,600	14,077	1,300	7,420	2,183
1974	60,276	53,041	7,235	30,921	3,600	14,132	1,400	7,988	2,235
1975	60,976	53,626	7,350	30,487	3,600	14,304	1,400	8,835	2,350
1976	60,328	52,969	7,359	30,006	3,600	14,310	1,400	8,653	2,359
1977	60,017	52,578	7,439	29,431	3,600	14,300	1,400	8,847	2,439
1980 (projections)	57,725	50,403	7,322	27,891	3,600	13,203	1,400	9,309	2,322
1985 (projections)	55,998	48,891	7,107	27,831	3,600	11,963	1,400	9,097	2,107

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics to 1986-87*; and unpublished data.

NO. 220. SCHOOL ENROLLMENT, BY SEX AND BY LEVEL: 1960 TO 1978

[In millions, except percent. As of Oct. For 1960, covers civilian noninstitutional population 5 to 34 years old; thereafter, 3 to 34 years old. Elementary includes kindergarten and grades 1-8; high school, grades 9-12; and college, 1-4 year colleges and graduate and professional schools. Data for college represent degree-credit enrollment. Minus sign (-) denotes decrease]

YEAR	TOTAL				MALE				FEMALE			
	Total en- rolled	Ele- men- tary	High school	Col- lege	Total en- rolled	Ele- men- tary	High school	Col- lege	Total en- rolled	Ele- men- tary	High school	Col- lege
1960	46.3	32.4	10.2	3.6	24.2	16.7	5.2	2.3	22.0	15.7	5.1	1.2
1965	54.7	35.5	13.0	5.7	28.5	18.2	6.5	3.5	26.2	17.3	6.5	2.2
1970	60.4	37.1	14.7	7.4	31.4	19.0	7.4	4.4	28.9	18.1	7.3	3.0
1972	60.1	35.4	15.2	8.3	31.3	18.1	7.7	4.9	28.8	17.3	7.5	3.5
1973	59.4	34.5	15.3	8.2	30.9	17.7	7.8	4.7	28.5	16.8	7.5	3.5
1974	60.3	34.4	15.4	8.8	31.2	17.6	7.8	4.9	29.1	16.8	7.6	3.9
1975	61.0	33.8	15.7	9.7	31.6	17.3	8.0	5.3	29.4	16.5	7.7	4.4
1976	60.5	33.3	15.7	10.0	31.2	17.0	8.1	5.3	29.3	16.2	7.7	4.7
1977	60.0	32.4	15.8	10.2	30.8	16.6	8.0	5.4	29.2	15.8	7.8	4.8
1978	58.6	31.5	15.5	9.8	30.1	16.1	7.8	5.1	28.6	15.3	7.6	4.7
Percent change:												
1960-70	30.5	14.5	43.6	107.6	29.6	13.8	43.2	88.2	31.4	15.1	44.0	144.8
1970-75	1.0	-8.9	6.6	30.8	-5.5	-8.9	7.5	21.4	1.6	-8.9	5.7	44.5
1975-78	-3.9	-6.8	-1.3	1.0	-4.7	-6.9	-2.5	-3.8	-2.7	-7.3	-1.3	6.8

¹ Beginning 1965, includes nursery schools, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 335 and earlier reports; and unpublished data.

NO. 221. SCHOOL ENROLLMENT—ELEMENTARY, SECONDARY, AND INSTITUTIONS OF HIGHER EDUCATION, BY STATES AND OTHER AREAS: 1975 TO 1978

[In thousands. As of fall of year. For grade levels, see headnote, table 240. Data for nonpublic elementary and secondary schools not revised; for revised U.S. totals, see table 219. See also Appendix III]

STATE OR OTHER AREA	ELEMENTARY ¹				SECONDARY ¹				HIGHER EDUCATION ⁵			
	Public		Nonpublic ³		Public		Nonpublic ⁴		Public		Nonpublic	
	1975	1978 ²	1975	1977	1975	1978 ²	1975	1977	1975	1978 ²	1975	1978 ²
United States...	30,545	28,800	3,400	2,796	14,294	14,100	1,200	965	6,835	6,794	2,350	2,429
New England...	1,749	1,645	239	155	807	778	126	102	372	361	336	342
Maine...	172	163	10	7	79	78	8	7	31	30	9	11
New Hampshire...	120	117	17	3	54	54	8	6	24	22	17	18
Vermont...	73	70	6	3	31	31	6	4	17	18	12	12
Massachusetts...	2,813	777	121	78	385	365	59	46	174	165	211	215
Rhode Island...	121	110	24	18	55	53	9	7	32	33	32	27
Connecticut...	450	408	61	46	203	197	37	32	94	93	55	59
Middle Atlantic...	4,760	4,362	1,007	789	2,345	2,289	348	271	1,129	1,057	643	668
New York...	2,281	2,062	497	385	1,120	1,106	173	121	614	542	391	407
New Jersey...	2,998	940	180	142	460	454	55	52	228	236	69	70
Pennsylvania...	1,481	1,360	330	263	765	729	120	98	287	279	183	191
East No. Central...	5,969	5,520	898	690	2,856	2,779	293	211	1,588	1,632	383	391
Ohio...	1,535	1,424	212	184	757	717	75	63	337	349	99	99
Indiana...	851	750	75	50	375	372	21	14	159	168	54	53
Illinois...	1,539	1,419	300	201	731	720	98	60	444	481	140	146
Michigan...	1,419	1,357	174	126	654	640	65	45	437	424	60	61
Wisconsin...	625	570	136	130	339	330	34	29	211	210	30	32
West No. Central...	2,315	2,161	278	235	1,188	1,154	78	78	611	621	175	186
Minnesota...	573	522	83	63	307	299	22	16	149	148	36	41
Iowa...	408	377	46	39	204	201	18	16	84	88	38	39
Missouri...	646	602	82	83	319	312	11	28	159	152	65	67
North Dakota...	84	78	8	7	48	45	3	2	28	30	2	2
South Dakota...	100	92	8	6	51	49	3	2	22	21	8	8
Nebraska...	210	197	28	23	105	103	12	10	61	67	13	15
Kansas...	294	293	24	13	154	145	8	3	108	115	13	14
South Atlantic...	4,900	4,674	281	247	2,201	2,180	114	83	1,242	1,285	306	326
Delaware...	84	75	12	10	43	41	5	5	27	26	5	4
Maryland...	607	550	77	65	274	271	28	23	177	187	29	28
Dist. of Col...	94	84	12	11	36	34	9	5	15	14	69	71
Virginia...	759	719	40	28	344	343	20	10	215	236	29	32
West Virginia...	283	276	7	7	121	118	4	3	68	67	11	11
North Carolina...	818	799	20	13	367	360	5	3	201	206	50	55
South Carolina...	443	418	22	11	186	196	5	3	108	102	25	26
Georgia...	751	744	19	17	340	325	10	5	143	136	31	34
Florida...	1,061	1,014	72	85	490	492	29	27	288	311	57	65
East So. Central...	1,977	1,918	135	96	863	867	63	37	481	484	91	98
Kentucky...	475	470	41	45	217	214	15	16	105	108	20	23
Tennessee...	626	595	20	19	251	267	11	13	140	149	42	43
Alabama...	520	514	37	20	239	233	12	4	146	140	19	21
Mississippi...	356	339	37	12	136	153	24	4	90	87	10	11
West So. Central...	3,309	3,211	194	185	1,401	1,434	65	53	854	886	134	131
Arkansas...	317	310	8	7	139	140	3	2	58	61	9	10
Louisiana...	592	565	94	84	255	258	33	27	132	129	21	21
Oklahoma...	408	395	8	6	186	188	3	2	124	127	22	21
Texas...	1,992	1,941	84	88	821	848	26	22	542	569	82	79
Mountain...	1,532	1,516	71	68	709	723	25	19	517	530	64	68
Montana...	115	109	7	4	57	57	3	2	28	28	3	3
Idaho...	133	134	4	3	63	64	2	1	31	33	8	8
Wyoming...	59	62	2	2	29	29	(z)	(z)	18	20	-	-
Colorado...	384	367	24	18	185	184	8	6	136	137	13	14
New Mexico...	183	185	9	11	91	92	3	3	48	52	4	4
Arizona...	2,350	351	20	24	143	153	7	5	169	172	5	5
Utah...	212	215	3	2	97	96	1	1	57	55	31	34
Nevada...	96	93	2	4	44	48	1	1	80	83	(z)	(z)
Pacific...	4,030	3,793	298	332	1,919	1,896	89	110	2,007	1,917	214	220
Washington...	530	507	30	25	255	265	12	8	203	248	25	25
Oregon...	321	310	17	13	156	154	6	5	180	127	15	17
California...	2,993	2,801	237	277	1,427	1,404	66	92	1,618	1,476	170	174
Alaska...	65	62	(z)	1	25	27	(z)	(z)	13	23	1	(2)
Hawaii...	121	113	14	16	56	56	6	5	43	43	3	4
Other areas ⁷ ...	524	563	46	(NA)	247	172	19	(NA)	62	60	44	75
Puerto Rico...	467	509	38	(NA)	239	156	16	(NA)	59	49	44	75
Guam...	21	21	3	(NA)	7	7	1	(NA)	4	3	-	-
Virgin Islands...	20	20	3	(NA)	5	5	1	(NA)	2	2	-	-

¹ Represents zero. NA Not available. Z Less than 500. ² Excludes data for private residential schools for exceptional children and subcollegiate departments of higher education. ³ Estimated.

⁴ Elementary includes middle schools. ⁵ Excludes combined elementary and secondary schools.

⁶ See headnote, table 247. ⁷ Includes U.S. military academies, not shown separately. ⁷ Includes American Samoa, Canal Zone, and Trust Territories of the Pacific Islands.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and unpublished data.

NO. 222. SCHOOL ENROLLMENT, BY SEX AND AGE: 1970 TO 1978

[In thousands, except percent. As of October. Covers persons 3 to 34 years old enrolled in nursery school and above. Data relate to civilian noninstitutional population and are based on Current Population Survey; see text, p. 1. See *Historical Statistics, Colonial Times to 1970*, series H 442-476, for enrollment 5 to 34 years old.]

YEAR AND AGE	TOTAL		MALE		FEMALE				
	Population	Enrolled		Population	Enrolled		Population	Enrolled	
		Number	Percent		Number	Percent		Number	Percent
1970, total.....	106,996	60,357	56.4	52,627	31,413	59.7	54,369	28,944	53.2
3 and 4 years.....	7,135	1,461	20.5	3,641	771	21.2	3,494	601	19.8
5 and 6 years.....	7,820	7,000	89.5	3,988	3,545	88.9	3,832	3,455	90.2
7-9 years.....	12,550	12,462	99.3	6,400	6,355	99.3	6,149	6,107	99.3
10-13 years.....	16,618	16,481	99.2	8,432	8,333	98.8	8,186	8,148	99.5
14 and 15 years.....	8,019	7,869	98.1	4,065	3,992	98.2	3,954	3,877	98.0
16 and 17 years.....	7,609	6,927	90.0	3,875	3,539	91.3	3,824	3,388	88.6
18 and 19 years.....	6,958	3,322	47.7	3,349	1,821	54.4	3,609	1,501	41.6
20-24 years.....	15,594	3,359	21.5	7,036	2,062	29.3	8,558	1,297	15.2
25-34 years.....	24,603	1,477	6.0	11,840	996	8.4	12,763	480	3.8
1975, total.....	113,445	60,969	53.7	56,289	31,555	56.1	57,156	29,414	51.5
3 and 4 years.....	6,676	2,101	31.5	3,409	1,052	30.9	3,267	1,049	32.1
5 and 6 years.....	6,056	6,590	94.7	3,546	3,346	94.4	3,410	3,244	95.1
7-9 years.....	10,354	10,287	99.3	5,277	5,236	99.2	5,078	5,061	99.5
10-13 years.....	15,936	15,817	99.3	8,119	8,031	98.9	7,817	7,786	99.6
14 and 15 years.....	8,453	8,300	98.2	4,300	4,231	98.4	4,153	4,070	98.0
16 and 17 years.....	8,313	7,398	89.0	4,201	3,811	90.7	4,112	3,587	87.2
18 and 19 years.....	8,024	3,765	46.9	3,891	1,940	49.9	4,133	1,825	44.2
20-24 years.....	18,363	4,121	22.4	8,833	2,884	26.4	9,530	1,786	18.7
25-34 years.....	30,370	2,589	8.5	14,714	1,573	10.7	15,656	1,016	6.5
1977, total.....	114,305	60,013	52.5	56,727	30,822	54.3	57,578	29,191	50.7
3 and 4 years.....	6,041	1,935	32.0	3,086	990	32.1	2,964	945	32.0
5 and 6 years.....	6,718	6,433	95.8	3,429	3,246	94.7	3,289	3,187	96.9
7-9 years.....	10,339	10,286	99.5	5,271	5,244	99.5	5,068	5,041	99.5
10-13 years.....	14,857	14,767	99.4	7,566	7,507	99.2	7,291	7,260	99.6
14 and 15 years.....	8,255	8,130	98.5	4,201	4,144	98.7	4,054	3,985	98.3
16 and 17 years.....	8,327	7,399	88.9	4,213	3,790	90.0	4,114	3,609	87.7
18 and 19 years.....	8,151	3,762	46.2	3,961	1,919	48.4	4,190	1,844	44.0
20-24 years.....	19,180	4,390	22.9	9,257	2,401	25.9	9,923	1,988	20.0
25-34 years.....	32,438	2,912	9.0	15,743	1,580	10.0	16,695	1,332	8.0
1978, total.....	114,468	58,616	51.2	56,820	30,053	52.9	57,647	28,562	49.5
3 and 4 years.....	6,052	2,072	34.2	3,094	1,051	34.0	2,958	1,021	34.5
5 and 6 years.....	6,295	5,997	95.3	3,212	3,054	95.1	3,083	2,944	95.5
7-9 years.....	10,462	10,391	99.3	5,338	5,292	99.1	5,123	5,059	99.5
10-13 years.....	14,349	14,206	99.0	7,307	7,222	98.8	7,041	6,984	99.2
14 and 15 years.....	8,100	7,972	98.4	4,124	4,058	98.4	3,976	3,914	98.4
16 and 17 years.....	8,284	7,384	89.1	4,197	3,756	89.5	4,087	3,628	88.8
18 and 19 years.....	8,153	3,700	45.4	3,975	1,902	47.8	4,178	1,798	43.0
20-24 years.....	19,494	4,245	21.8	9,410	2,290	24.3	10,084	1,955	19.4
25-34 years.....	33,280	2,649	8.0	16,163	1,428	8.8	17,117	1,222	7.1

NO. 223. PERCENT ENROLLED IN SCHOOL, BY AGE AND RACE: 1965 TO 1978

[As of October. See headnote, table 222. Data based on sample and subject to sampling variability]

AGE (in years)	1965		1970		1975		1976		1977		1978	
	White	Black	White	Black	White	Black	White	Black	White	Black	White	Black
Total, 3-34.....	55.6	54.7	56.2	57.4	53.1	57.8	52.3	57.9	51.6	57.7	50.3	56.3
3 and 4.....	10.3	4.8	19.9	22.7	30.8	34.2	30.4	34.5	31.1	35.2	32.7	41.3
5 and 6.....	85.8	79.1	90.3	84.9	94.8	94.4	95.8	94.0	95.6	96.5	95.4	93.9
7-9.....	99.4	98.9	99.3	99.3	99.4	99.3	99.1	99.3	99.5	99.3	99.3	99.5
10-13.....	99.4	99.3	99.1	99.3	99.3	99.1	99.2	98.8	99.4	99.0	99.0	98.9
14 and 15.....	99.0	98.1	98.2	97.6	98.3	97.4	98.1	99.0	98.5	98.8	98.4	98.5
16 and 17.....	87.8	83.9	90.6	85.7	89.3	86.9	89.1	89.0	88.5	90.8	88.7	91.2
18 and 19.....	47.1	39.6	38.7	40.1	46.5	47.1	45.4	50.4	45.5	48.3	44.9	46.2
20-24.....	20.2	9.0	22.5	14.2	22.7	19.9	23.4	21.7	22.7	21.4	21.7	19.5
25-34.....	4.9	2.2	6.1	4.2	8.5	8.3	8.0	8.8	8.7	10.3	7.8	8.4

Source of tables 222 and 223: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 335 and earlier reports; and unpublished data.

Education

NO. 224. SCHOOL ENROLLMENT, BY RACE, LEVEL, AND AGE: 1965 TO 1978
 [In thousands, except percent. As of October. For grade levels, see headnote, table 220. Minus sign (--) denotes decrease]

YEAR AND AGE	WHITE				BLACK			
	Total enrolled ¹	Elementary	High school	College	Total enrolled ¹	Elementary	High school	College
1965, total	47,412	30,327	11,356	5,317	6,675	4,866	1,472	274
3 and 4 years	731	318	—	—	2,155	2,92	—	—
5-13 years	29,598	20,170	427	—	4,512	4,479	39	—
14-17 years	11,327	825	10,269	233	1,561	285	1,246	210
18-24 years	4,834	6	616	4,213	391	4	177	34
25-34 years	922	8	44	871	50	6	10	—
1970, total	51,719	31,348	12,723	6,759	7,829	5,294	1,834	522
3 and 4 years	1,181	358	—	—	250	95	—	—
5-13 years	30,460	20,066	327	—	4,997	4,915	61	—
14-17 years	12,769	898	11,639	230	1,862	279	1,558	21
18-24 years	5,979	14	661	5,304	610	5	188	416
25-34 years	1,326	5	95	1,224	109	—	23	85
1975, total	51,430	28,257	13,225	8,514	8,400	4,978	2,201	948
3 and 4 years	1,697	357	—	—	344	94	—	—
5-13 years	27,387	27,004	295	—	4,731	4,647	60	—
14-17 years	13,312	880	12,176	253	2,138	231	1,873	34
18-24 years	6,789	8	666	6,115	920	4	252	665
25-34 years	2,246	12	90	2,147	266	2	16	248
1977, total	50,151	26,873	13,152	8,812	8,564	4,881	2,324	1,103
3 and 4 years	1,541	312	—	—	328	100	—	—
5-13 years	26,178	25,810	287	—	4,664	4,581	57	—
14-17 years	13,061	736	12,097	228	2,204	195	1,971	37
18-24 years	6,902	8	685	6,207	1,013	5	288	721
25-34 years	2,467	9	82	2,375	355	—	8	346
1978, total	48,843	25,973	12,893	8,514	8,416	4,809	2,278	1,020
3 and 4 years	1,622	249	—	—	385	93	—	—
5-13 years	25,353	24,968	300	—	4,566	4,501	45	—
14-17 years	12,859	737	11,892	229	2,208	207	1,964	38
18-24 years	6,738	13	644	6,077	958	8	256	694
25-34 years	2,271	6	57	2,207	300	—	13	288
Percent change:								
1965-1970	8.1	3.4	12.0	27.1	17.3	9.5	24.6	90.5
1970-1975	-.6	-9.9	3.9	26.0	7.3	-6.5	20.0	81.6
1975-1978	-5.0	-8.1	-2.5	—	.2	-3.4	3.5	7.6

— Represents zero. ¹ Includes nursery schools, not shown separately.

² Data for Black and other races

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 335 and earlier reports; and unpublished data.

NO. 225. PERCENT ENROLLED IN SCHOOL, BY LEVEL, BY SEX AND AGE: 1978

SEX AND AGE	Civilian population ¹ (1,000)	PERCENT ENROLLED (October)						PERCENT NOT ENROLLED		
		Total	Nursery school	Kindergarten	Elementary, grades 1-8	Secondary, grades 9-12	College	Total	High school graduate	Not high school graduate
Male	56,820	52.9	1.7	2.7	25.7	13.8	9.0	47.1	34.3	12.8
3 and 4 years	3,094	34.0	28.9	5.1	—	—	—	66.0	(X)	(X)
5 and 6 years	3,212	95.1	2.1	42.4	50.6	—	—	4.9	(X)	(X)
7-13 years	12,645	99.0	—	—	97.8	1.2	—	1.0	(X)	(X)
14-17 years	8,321	98.9	—	—	7.3	85.4	1.3	6.1	.8	5.3
18-24 years	13,385	31.3	—	—	.1	4.2	27.1	68.7	52.2	16.5
25-29 years	8,539	10.9	—	—	—	1	10.8	89.1	75.5	13.5
30-34 years	7,624	6.5	—	—	.1	.2	6.2	93.5	78.2	15.3
Female	57,647	49.5	1.5	2.5	24.1	13.3	8.2	50.5	37.5	13.0
3 and 4 years	2,958	34.5	27.9	6.7	—	—	—	65.5	(X)	(X)
5 and 6 years	3,083	95.5	1.3	41.3	52.9	—	—	4.5	(X)	(X)
7-13 years	12,164	99.3	—	—	97.6	1.7	—	.7	(X)	(X)
14-17 years	8,063	93.5	—	—	4.5	87.0	2.1	6.5	1.3	5.1
18-24 years	14,262	26.3	—	—	—	2.6	23.6	73.7	58.3	15.3
25-29 years	9,050	7.9	—	—	—	.2	7.7	92.1	77.4	14.6
30-34 years	8,067	6.2	—	—	—	.3	5.9	93.8	76.6	17.2

— Represents zero. X Not applicable. ¹ Noninstitutional only.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 335; and unpublished data.

NO. 226. PREPRIMARY SCHOOL ENROLLMENT OF CHILDREN 3 TO 5 YEARS OLD, BY RACE AND AGE, AND BY LABOR FORCE STATUS OF MOTHER: 1967 TO 1978

[As of October. Civilian noninstitutional population. Includes public and nonpublic nursery school and kindergarten programs. Based on Current Population Survey; see text, p. 1]

RACE, AGE, AND LABOR FORCE STATUS	NUMBER (1,000)							PERCENT ENROLLED OF POPULATION			
	1967	1970	1974	1975	1976	1977	1978	1967	1970	1975	1978
Population, 3-5 years old--	12,234	10,877	10,391	10,183	9,726	9,249	9,110	(X)	(X)	(X)	(X)
Total enrolled ^{1,2} --	3,864	4,075	4,699	4,954	4,790	4,577	4,584	31.6	37.5	48.6	50.3
White-----	3,265	3,414	3,941	4,105	3,933	3,717	3,697	31.8	37.8	48.7	49.5
Black-----	535	585	678	731	745	728	749	29.8	34.0	48.1	53.1
3 years old-----	273	454	685	683	603	645	759	6.8	13.0	21.5	25.1
4 years old-----	870	1,003	1,322	1,418	1,348	1,290	1,313	21.3	27.9	40.5	43.4
5 years old ³ -----	2,721	2,617	2,693	2,852	2,839	2,642	2,512	65.4	69.2	81.3	82.1
ALL RACES ² -----											
With mother in labor force ⁴	1,353	1,345	1,921	2,168	2,136	2,092	2,173	34.2	38.8	54.0	53.0
3 and 4 years old-----	466	526	874	973	898	992	1,017	18.1	23.5	38.0	37.5
5 years old ³ -----	887	818	1,047	1,195	1,237	1,100	1,156	63.8	66.6	82.5	83.2
Married, spouse present-----	1,140	1,131	1,528	1,733	1,708	1,649	1,727	34.1	39.5	53.6	52.2
Other marital status-----	213	214	393	435	428	444	446	34.6	38.0	56.0	56.7
Employed-----	1,249	1,246	1,755	1,948	1,960	1,881	2,000	34.5	39.3	55.1	53.5
Full-time-----	817	770	1,150	1,236	1,254	1,240	1,309	33.9	38.6	55.1	53.5
Part-time-----	432	476	605	712	706	641	691	35.7	40.4	55.1	53.6
With mother not in labor force-----	2,448	2,694	2,703	2,704	2,589	2,385	2,286	30.2	37.0	45.1	47.8
WHITE-----											
With mother in labor force ⁴	1,053	1,031	1,513	1,723	1,668	1,692	1,666	34.7	39.1	54.0	51.5
3 and 4 years old-----	340	374	670	740	667	740	750	17.4	22.1	36.6	34.9
5 years old ³ -----	713	657	844	983	1,001	852	916	66.2	69.2	84.1	84.6
Married, spouse present-----	932	918	1,261	1,449	1,399	1,334	1,408	34.7	39.1	53.3	51.0
Other marital status-----	120	119	253	273	269	258	258	34.6	38.9	57.8	54.3
Employed-----	982	959	1,405	1,566	1,561	1,458	1,567	35.2	39.3	55.0	52.0
Full-time-----	613	557	858	941	936	912	959	33.8	38.2	54.3	51.1
Part-time-----	369	402	547	625	625	546	608	37.7	41.0	56.2	53.5
With mother not in labor force-----	2,166	2,354	2,388	2,331	2,220	2,057	1,945	30.5	37.4	45.3	47.8
BLACK-----											
With mother in labor force ⁴	286	281	370	372	414	429	427	32.3	36.8	52.6	53.4
3 and 4 years old-----	122	138	180	191	202	214	231	20.7	27.3	41.0	48.5
5 years old ³ -----	163	143	189	181	211	215	197	55.3	55.6	75.2	77.0
Married, spouse present-----	193	192	230	221	255	246	243	31.3	39.4	53.6	57.0
Other marital status-----	93	89	140	151	158	183	184	34.7	32.2	51.2	60.5
Employed-----	252	256	311	313	348	362	357	32.3	37.9	53.5	59.7
Full-time-----	194	195	259	244	282	292	289	34.4	39.0	56.7	61.6
Part-time-----	58	61	52	69	66	70	68	26.8	34.8	44.7	53.0
With mother not in labor force-----	236	298	279	330	312	269	286	26.9	33.9	44.1	46.5

X Not applicable. ¹ Includes children with mothers whose labor force status is unknown and children with no mother present in household, not shown separately. ² Includes races not shown separately.

³ Excludes 5 year-olds enrolled in elementary school. ⁴ Includes children with mothers who are unemployed, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 318; and unpublished data.

NO. 227. SCHOOL ENROLLMENT OF PERSONS 5 TO 17 YEARS OLD, BY RACE AND RESIDENCE: 1960 TO 1978

[In millions. As of October. Beginning 1970, includes nursery schools. For definition of standard metropolitan statistical area (SMSA), see Appendix II. 1960 to 1970 refer to 212 SMSA's as defined in 1960 census reports; 1975 to 1978 to 243 SMSA's as defined in 1970 census reports. Based on Current Population Survey; see text, p. 1]

RESIDENCE	WHITE						BLACK AND OTHER					
	1960	1965	1970	1975	1977	1978	1960	1965	1970	1975	1977	1978
Total-----	36.8	40.9	43.2	40.7	39.2	38.2	5.5	6.6	7.5	7.7	7.8	7.7
Inside SMSA's-----	22.3	26.3	26.8	27.1	25.5	24.6	3.4	4.3	5.2	5.9	5.6	5.7
Inside central cities-----	9.6	9.8	9.2	9.4	8.1	7.9	2.6	3.4	3.9	4.3	4.0	4.1
Outside central cities-----	12.6	16.5	17.6	17.8	17.4	16.7	8	9	1.2	1.6	1.6	1.6
Outside SMSA's-----	14.5	14.6	16.4	13.6	13.7	13.6	2.2	2.2	2.3	1.8	2.1	2.0

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 335 and earlier reports; and unpublished data.

Education

No. 228. YEARS OF SCHOOL COMPLETED, BY AGE AND RACE: 1940 TO 1978

[Through 1960, as of April 1, 1940 based on complete count; 1950, on 20-percent sample; and 1960, on 25-percent sample. Beginning 1970, as of March, based on Current Population Survey; see text, p. 1. Includes members of Armed Forces living off post or with families on post, but excludes all other members of Armed Forces. Beginning 1975, excludes inmates of institutions. For definition of median, see Guide to Tabular Presentation]

AGE AND YEAR	ALL PERSONS				BLACK PERSONS					
	Percent not high school graduates		Percent with 4 years of high school or more		Median school years completed	Percent not high school graduates		Percent with 4 years of high school or more		Median school years completed
	Total	With less than 5 years of school	Total	College, 4 years or more		Total	With less than 5 years of school	Total	College, 4 years or more	
25 years and over:										
1940-----	76.5	13.7	24.5	4.6	8.6	92.7	42.0	7.8	1.3	5.7
1950-----	65.7	11.1	34.3	6.2	9.3	87.1	32.9	12.9	2.1	8.8
1960-----	58.9	8.3	41.1	7.7	10.6	79.9	23.8	20.1	3.1	8.0
1970-----	44.8	5.3	55.2	11.0	12.2	66.3	15.1	33.7	4.5	9.9
1975-----	37.5	4.2	62.5	13.9	12.3	57.5	12.3	42.5	6.4	10.9
1978-----	34.1	3.6	65.9	15.7	12.4	52.4	9.7	47.6	7.2	11.7
25-29 years:										
1940-----	61.9	5.9	38.1	5.9	10.3	(NA)	27.7	11.6	1.6	7.0
1950-----	49.5	4.7	52.8	7.7	12.0	80.4	16.8	22.2	2.7	8.8
1960-----	39.3	2.8	60.7	11.1	12.3	62.3	7.0	37.7	4.8	9.9
1970-----	24.6	1.1	75.4	16.4	12.6	43.9	2.5	56.2	7.3	12.2
1975-----	16.9	1.0	83.1	21.9	12.8	29.0	.5	71.0	10.7	12.5
1978-----	14.7	.9	85.3	23.3	12.9	22.7	.8	77.3	11.8	12.6

NA Not available.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1940, 1950, and 1960*, vol. I; *Current Population Reports*, series P-20, Nos. 207 and 295; and unpublished data.

No. 229. PERCENT OF POPULATION WITH LESS THAN 5 YEARS OF SCHOOL AND WITH 4 YEARS OF HIGH SCHOOL OR MORE, BY AGE, RACE, AND SPANISH ORIGIN: 1970 TO 1978
(Persons 25 years old and over. As of April 1970 and March 1975 and 1978. All races includes those not shown separately]

RACE	LESS THAN 5 YEARS OF SCHOOL						4 YEARS OF HIGH SCHOOL OR MORE					
	1978		Total	25-34 yr.	35-64 yr.	65 yr. and over	1978		Total	25-34 yr.	35-64 yr.	65 yr. and over
	1970	1975					1970	1975				
All races-----	5.5	4.2	3.6	1.0	2.9	9.6	52.3	62.5	65.9	84.0	66.3	38.1
White-----	4.5	3.3	2.8	.9	2.3	7.2	54.5	64.6	67.9	85.3	68.9	40.3
Black-----	14.6	12.3	9.7	1.1	7.8	31.7	31.4	42.7	47.6	73.6	42.8	16.5
Spanish origin ¹	19.5	18.5	17.2	7.4	18.6	45.0	32.1	37.9	40.8	53.7	36.6	17.3
Mexican-----	28.5	24.6	23.1	9.7	25.9	65.4	24.2	31.0	34.3	48.4	28.6	7.1
Puerto Rican-----	20.5	17.4	15.0	6.4	18.0	(B)	23.4	28.7	36.0	47.8	30.4	(B)
Cuban-----	8.2	7.3	9.3	3.8	7.1	20.5	43.9	51.7	49.1	72.2	47.4	34.9
Other ² -----	8.8	7.6	5.9	2.2	5.7	19.2	44.9	58.0	58.5	71.4	56.5	28.3

B Not shown; base less than 75,000.

¹ Persons of Spanish origin may be of any race.

² Includes Central or South American origin and other Spanish origin.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, and *Current Population Reports*, series P-20, Nos. 283, 295, and 328; and unpublished data.

No. 230. LIFETIME AND MEAN INCOME OF MALES, BY YEARS OF SCHOOL COMPLETED: 1972
(Figures for lifetime income based on application of appropriate life tables to arithmetic mean income, by age, as obtained for a cross section of the population. For definition of mean, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series H 648-661.)

YEARS OF SCHOOL COMPLETED	LIFETIME INCOME (\$1,000)				ANNUAL MEAN INCOME (\$1,000)			
	Age 18 to death	Age 25 to death	Age 18 to 64	Age 25 to 64	18 yr. old and over	25 yr. old and over	18-64 yr. old	25-64 yr. old
Less than 8 years-----	280	260	251	231	5.2	5.2	6.2	6.4
8 years-----	344	323	305	284	6.6	6.8	7.7	7.9
High school, 1-3 years-----	389	371	343	324	7.5	8.4	7.7	9.0
High school, 4 years-----	479	452	421	393	9.2	10.4	9.4	10.7
College, 1-3 years-----	543	525	480	461	9.2	11.9	9.3	12.2
College, 4 yr. or more-----	758	731	655	627	15.2	16.2	15.5	16.6

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 92.

No. 231. YEARS OF SCHOOL COMPLETED, BY RACE, SPANISH ORIGIN, AND SEX: 1960 TO 1978

[Persons 25 years old and over. See headnote, table 228. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series H 602-617]

YEAR, RACE, AND SEX	Persons 25 years old and over (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years com- pleted	
		Elementary school			High school		College			
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years or more		
1960, all races.....	99,438	8.3	13.8	17.5	19.2	24.6	8.8	7.7	10.6	
White.....	89,581	6.7	12.8	18.1	19.3	25.8	9.3	8.1	10.9	
Male.....	43,259	7.4	13.7	18.7	18.9	22.2	9.1	10.3	10.7	
Female.....	46,322	6.0	11.9	17.8	19.6	29.2	9.5	6.0	11.2	
Black.....	9,054	23.8	24.2	12.9	19.0	12.9	4.1	3.1	8.0	
Male.....	4,240	28.3	23.9	12.8	17.3	11.3	4.1	2.8	7.7	
Female.....	4,814	19.8	24.5	13.4	20.5	14.3	4.1	3.3	8.6	
1970, all races.....	109,310	5.3	9.1	13.4	17.1	34.0	10.2	11.0	12.2	
White.....	98,112	4.2	8.3	13.6	16.5	35.2	10.7	11.6	12.2	
Male.....	46,606	4.5	8.3	13.9	15.6	30.9	11.3	15.0	12.2	
Female.....	51,506	3.9	7.8	13.4	17.3	39.0	10.1	8.6	12.2	
Black.....	10,089	15.1	16.7	11.2	23.3	23.4	5.9	4.5	9.9	
Male.....	4,619	18.6	16.0	11.1	21.9	22.2	5.7	4.6	9.6	
Female.....	5,470	12.1	17.3	11.3	24.5	24.4	6.0	4.4	10.2	
1975, all races.....	116,897	4.2	7.4	10.3	15.6	36.2	12.4	13.9	12.3	
White.....	104,065	3.3	6.6	10.6	15.0	37.3	12.8	14.5	12.4	
Male.....	49,259	3.6	6.8	10.5	14.0	33.1	13.6	18.4	12.5	
Female.....	54,806	3.0	6.4	10.6	15.9	41.1	12.1	11.0	12.3	
Black.....	11,096	12.3	14.3	8.5	22.3	27.1	9.0	6.4	10.9	
Male.....	4,925	15.3	14.7	8.1	20.2	25.2	9.7	6.7	10.7	
Female.....	6,171	9.8	14.0	8.9	24.0	28.6	8.5	6.2	11.1	
Spanish origin ¹	4,762	18.5	17.9	10.3	15.3	23.0	8.7	6.4	9.6	
Male.....	2,258	18.2	17.1	10.0	15.3	21.1	10.1	8.3	9.8	
Female.....	2,504	18.8	18.7	10.6	15.3	24.7	7.4	4.6	9.3	
1978, all races.....	123,019	3.6	6.7	9.0	14.8	36.1	14.1	15.7	12.4	
White.....	108,968	2.8	6.0	9.2	14.1	37.0	14.4	16.4	12.5	
Male.....	51,619	2.9	6.2	9.2	13.0	32.7	15.2	20.7	12.6	
Female.....	57,349	2.8	5.9	9.2	15.0	40.9	13.7	12.6	12.4	
Black.....	11,959	9.7	12.3	8.1	22.3	29.0	11.4	7.2	11.7	
Male.....	5,309	11.9	13.4	7.4	19.4	28.0	12.6	7.3	11.6	
Female.....	6,650	7.9	11.5	8.7	24.5	29.7	10.5	7.1	11.7	
Spanish origin ¹	5,339	17.2	18.0	8.7	15.2	24.6	9.2	7.1	10.2	
Male.....	2,506	16.4	17.4	8.7	15.2	22.7	11.0	8.6	10.4	
Female.....	2,833	17.9	18.4	8.8	15.3	26.2	7.7	5.8	9.9	

¹ Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. I, and *Current Population Reports*, series P-20, Nos. 207 and 295; and unpublished data.

No. 232. YEARS OF SCHOOL COMPLETED, BY RACE, SEX, AND AGE: 1978

[Persons 25 years old and over as of March 1978. See headnote, table 228. For definition of median, see Guide to Tabular Presentation]

RACE, SEX, AND AGE	Popula- (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years com- pleted	
		Elementary school			High school		College			
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years or more		
All races.....	123,019	3.6	6.7	9.0	14.8	36.1	14.1	15.7	12.4	
Male.....	57,922	3.9	6.9	9.0	13.5	32.1	14.9	19.7	12.5	
Female.....	65,097	3.4	6.5	9.1	15.9	39.6	13.4	12.2	12.4	
25-29 years.....	17,603	.9	1.8	1.8	10.2	38.9	23.1	23.3	12.9	
30-34 years.....	15,517	1.1	2.4	2.9	11.1	39.6	18.9	24.0	12.8	
35-44 years.....	23,850	1.7	3.9	4.7	14.6	41.9	14.8	18.4	12.6	
45-54 years.....	23,071	3.0	6.4	7.5	17.8	39.1	12.0	14.2	12.4	
55 years and over.....	42,977	7.0	11.9	17.4	16.4	28.8	9.5	8.9	11.0	
Black.....	11,959	9.7	12.3	8.1	22.3	29.0	11.4	7.2	11.7	
25-29 years.....	1,938	.8	2.3	2.1	17.5	42.6	23.0	11.8	12.6	
30-34 years.....	1,579	1.5	4.6	3.4	21.5	39.3	19.0	10.9	12.5	
35-44 years.....	2,504	2.3	6.5	6.3	29.1	36.2	11.8	7.8	12.2	
45-54 years.....	2,278	8.1	14.2	10.6	27.1	26.2	7.0	6.7	10.8	
55 years and over.....	3,665	23.9	23.8	13.1	17.4	14.2	4.6	3.0	8.2	

Source: U.S. Bureau of the Census, Data unpublished in Current Population Survey.

NO. 233. ILLITERACY—AGE, SEX, AND RACE: 1959 AND 1969

Persons 14 years old and over. Relates to civilian noninstitutional population. 1959 excludes Alaska and Hawaii. Based on Current Population Survey; see text, p. 1. Persons unable to both read and write in any language classified as illiterate. Information on illiteracy was obtained only for persons completing less than 6 years of school. See also *Historical Statistics, Colonial Times to 1970*, series H 669-688]

Age and Sex	1959 (March)					1969 (November)				
	Population (1,000)		Percent illiterate			Population (1,000)		Percent illiterate		
	Total	Illiterate	Total	White	Black	Total	Illiterate	Total	White	Black
Total, 14 and over	121,373	2,619	2.2	1.6	7.5	143,137	1,433	1.0	.7	3.6
14-24 years	25,118	144	.6	.5	1.2	36,853	97	.3	.2	.5
25-44 years	46,143	575	1.2	.8	5.1	46,501	237	.5	.4	1.3
45-64 years	35,205	929	2.6	1.8	11.3	40,985	449	1.1	.7	5.5
65 years and over	14,907	971	6.5	5.1	25.5	18,798	650	3.5	2.3	16.7
Male, 14 and over	58,378	1,480	2.5	1.7	9.8	67,306	708	1.1	.7	4.3
14-24 years	12,063	100	.8	.7	1.7	17,484	61	.3	.3	.6
25-44 years	22,486	363	1.6	1.0	7.1	22,272	118	.5	.4	2.1
45-64 years	17,059	548	3.2	2.0	15.6	19,513	257	1.3	.8	7.4
65 years and over	6,770	469	6.9	5.3	28.3	8,037	272	3.4	2.1	17.2
Female, 14 and over	62,995	1,139	1.8	1.4	5.4	75,831	727	1.0	.7	2.9
14-24 years	13,055	44	.3	.3	.7	19,369	37	.2	.2	.3
25-44 years	23,657	212	.9	.6	3.4	24,229	121	.5	.5	.6
45-64 years	18,146	381	2.1	1.6	7.3	21,472	191	.9	.6	4.0
65 years and over	8,137	502	6.2	5.0	23.0	10,761	378	3.5	2.4	16.2

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 99 and 217.

NO. 234. PERCENT ILLITERATE OF POPULATION—STATES: 1900 TO 1970

[Relates to population 15 years old and over for 1900 to 1930 and 14 years old and over for 1950 to 1970. Beginning 1950, data are estimated. Persons unable to both read and write in any language classified as illiterate. See *Current Population Reports*, series P-23, No. 8, for method of estimating illiteracy by States]

STATE	1900	1920	1930	1950	1960	1970	STATE	1900	1920	1930	1950	1960	1970	
United States	11.3	6.5	4.8	3.3	2.4	1.2	So. Atl.—Con.							
New England:							Virginia	24.3	12.2	9.7	4.9	3.4	1.4	
Maine	5.5	3.6	3.0	2.0	1.3	.7	West Virginia	12.6	7.2	5.5	3.5	2.7	1.4	
New Hampshire	0.7	4.9	3.0	2.0	1.4	.7	No. Carolina	30.1	15.0	11.5	5.5	4.0	1.8	
Vermont	6.4	3.3	2.4	1.7	1.1	.6	So. Carolina	37.4	20.9	16.7	7.9	5.5	2.3	
Massachusetts	6.5	5.3	4.0	2.8	2.2	1.1	Georgia	32.1	16.7	10.4	6.9	4.5	2.0	
Rhode Island	9.2	7.2	5.5	3.1	2.4	1.3	Florida	23.4	10.2	7.7	3.9	2.6	1.3	
Connecticut	6.5	6.9	5.1	3.1	2.2	1.1	East So. Central:							
Middle Atlantic:							Kentucky	18.1	9.4	7.3	4.3	3.3	1.6	
New York	6.1	5.6	4.1	3.5	2.9	1.4	Tennessee	21.9	11.3	8.0	4.7	3.5	1.7	
New Jersey	6.5	5.8	4.3	2.9	2.2	1.1	Alabama	35.1	17.8	14.0	6.2	4.2	2.1	
Pennsylvania	6.9	5.7	3.5	2.7	2.0	1.0	Mississippi	34.1	18.8	14.8	7.1	4.9	2.4	
East No. Central:							West So. Central:							
Ohio	4.5	3.2	2.5	1.9	1.5	.8	Arkansas	21.3	10.2	7.6	5.0	3.6	1.9	
Indiana	5.2	2.5	1.8	1.7	1.2	.7	Louisiana	39.6	23.4	15.1	9.8	6.3	2.8	
Illinois	4.8	3.8	2.7	2.3	1.8	.9	Oklahoma	11.7	4.1	3.1	2.5	1.9	1.1	
Michigan	4.8	3.4	2.2	2.0	1.6	.9	Texas	15.6	8.9	7.3	5.4	4.1	2.2	
Wisconsin	5.4	2.8	2.1	1.7	1.2	.7	Mountain:							
West No. Central:							Montana	6.6	2.5	1.9	1.8	1.0	.6	
Minnesota	4.6	2.1	1.4	1.5	1.0	.6	Idaho	5.1	1.7	1.2	1.3	.8	.6	
Iowa	2.7	1.2	.9	.9	.7	.5	Wyoming	4.4	2.3	1.8	1.7	.9	.6	
Missouri	7.0	3.4	2.5	2.1	1.7	.8	Colorado	4.5	3.6	3.1	2.0	1.3	.7	
North Dakota	6.1	2.5	1.7	2.3	1.4	.8	New Mexico	35.7	17.4	14.9	6.6	4.0	2.2	
South Dakota	5.8	1.9	1.4	1.5	.9	.5	Arizona	30.0	15.9	11.0	6.2	3.8	1.8	
Nebraska	2.6	1.5	1.3	1.2	.9	.6	Utah	3.6	2.2	1.4	1.4	.9	.6	
Kansas	3.3	1.8	1.4	1.3	.9	.6	Nevada	13.8	6.4	4.8	2.2	1.1	.5	
South Atlantic:							Pacific:							
Delaware	13.2	6.6	4.4	2.7	1.9	.9	Washington	3.4	1.9	1.1	1.3	.9	.6	
Maryland	12.1	6.1	4.2	2.7	1.9	.9	Oregon	3.7	1.6	1.1	1.2	.8	.6	
District of Columbia							California	5.3	3.6	2.8	2.2	1.8	1.1	
Columbia	9.4	3.0	1.7	1.8	1.9	1.1	Alaska	40.6	24.6	20.5	6.3	3.0	1.5	
							Hawaii	35.2	21.2	17.5	8.4	5.0	1.9	

Source: U.S. Bureau of the Census, unpublished data.

NO. 235. YEARS OF SCHOOL COMPLETED, BY STATES: 1976

[In thousands of persons 18 years old and over, except as indicated. See source for sampling variability. For definition of median, see Guide to Tabular Presentation]

STATE OR OTHER AREA	Persons 18 years old and over	YEARS OF SCHOOL COMPLETED						Median school years com- pleted	PERCENT HIGH SCHOOL GRADUATES					
		Elementary school		High school		College			Total	18-24 years		25 years and over		
		0-4 years	5-8 years	1-3 years	4 years	1-3 years	4 yr. or more		Male	Fe- male	Male	Fe- male		
U.S.	146,349	4,928	20,621	23,337	52,696	24,382	20,385	12.5	66.6	78.2	79.7	64.1	63.5	
N.E.	8,461	184	1,075	1,251	3,076	1,469	1,406	12.6	70.3	81.3	81.6	68.1	67.7	
Maine	727	9	104	122	282	112	99	12.5	67.8	80.7	79.0	64.1	65.9	
N.H.	562	6	76	84	204	105	86	12.6	70.3	73.3	82.0	67.9	69.6	
Vt.	320	3	50	43	117	56	50	12.5	69.7	83.0	83.3	64.6	69.6	
Mass.	4,046	98	453	571	1,505	739	680	12.6	72.3	84.3	80.6	70.1	69.7	
R.I.	645	22	106	118	212	90	96	12.4	61.7	75.3	78.2	61.4	56.1	
Conn.	2,162	46	285	312	757	367	395	12.6	70.3	78.8	85.0	68.3	67.3	
M.A.	26,004	704	3,789	4,401	9,558	3,786	3,767	12.4	65.8	81.4	81.3	63.1	62.0	
N.Y.	12,713	380	1,746	2,166	4,328	2,062	2,030	12.5	66.2	81.3	75.6	64.4	62.6	
N.J.	5,040	138	716	840	1,854	741	752	12.4	66.4	78.9	81.3	64.1	62.9	
Pa.	8,250	186	1,320	1,395	3,376	983	985	12.4	64.8	83.0	85.3	60.5	60.5	
E.N.C.	27,685	545	3,782	4,619	11,010	4,290	3,429	12.4	67.7	79.7	81.1	64.3	65.1	
Ohio	7,261	123	960	1,263	3,120	961	834	12.4	67.7	79.9	80.1	64.0	65.7	
Ind.	3,571	68	492	618	1,505	494	394	12.4	67.0	81.4	80.4	64.4	63.2	
Ill.	7,566	199	1,147	1,216	2,651	1,316	1,037	12.5	66.1	75.8	80.3	63.0	62.4	
Mich.	6,159	111	711	1,109	2,436	1,016	776	12.5	68.6	79.6	82.3	63.7	67.3	
Wis.	3,129	44	473	413	1,299	502	398	12.5	70.3	80.6	83.6	66.5	58.3	
W.N.C.	11,382	168	1,811	1,445	4,567	1,919	1,471	12.5	69.9	82.9	84.7	65.7	67.5	
Minn.	2,637	30	386	311	1,104	456	350	12.5	72.4	82.6	87.6	67.6	70.9	
Iowa	1,942	18	287	238	838	318	248	12.5	72.3	84.9	84.8	67.6	71.1	
Mo.	3,314	82	616	493	1,288	474	391	12.4	64.1	77.2	81.4	61.7	60.8	
N. Dak.	417	7	86	43	143	88	51	12.5	67.6	85.7	89.0	57.7	66.4	
S. Dak.	457	5	90	47	171	92	52	12.5	68.9	87.1	90.1	60.3	67.8	
Nebr.	1,046	10	141	118	420	207	150	12.6	74.3	87.0	90.0	70.1	71.7	
Kans.	1,569	16	208	199	633	285	220	12.6	73.1	87.5	88.0	69.6	69.8	
S.A.	23,484	1,163	3,742	4,077	7,649	3,589	3,263	12.4	61.7	72.4	76.0	59.6	58.6	
Del.	394	7	46	66	143	70	61	12.5	69.5	78.7	82.8	67.0	66.9	
Md.	2,776	59	356	436	976	433	516	12.6	69.3	77.2	79.0	68.4	66.4	
D.C.	504	18	69	86	138	79	114	12.6	65.7	69.4	77.6	62.5	64.7	
Va.	3,429	157	490	579	1,089	551	563	12.4	64.2	68.0	79.1	62.4	61.9	
W. Va.	1,271	63	315	215	418	143	117	12.1	53.3	72.7	72.7	49.3	49.8	
N.C.	3,748	240	705	732	1,099	528	444	12.2	55.3	66.6	73.7	50.2	53.4	
S.C.	1,871	129	310	363	606	267	195	12.2	57.1	69.5	74.6	53.7	53.0	
Ga.	3,319	264	534	573	1,074	466	409	12.3	58.7	76.0	71.5	57.3	53.7	
Fla.	6,171	226	917	1,028	2,104	1,052	844	12.4	64.8	75.3	77.0	63.9	61.6	
E.S.C.	9,198	607	1,900	1,701	2,854	1,172	964	12.1	54.3	67.2	71.6	50.6	51.3	
Ky.	2,307	132	548	397	728	270	231	12.1	53.3	72.1	69.1	49.1	49.9	
Tenn.	2,921	187	621	508	906	392	307	12.2	54.9	70.0	73.7	51.8	50.7	
Ala.	2,442	167	431	489	802	303	251	12.2	55.5	60.8	73.2	52.9	53.5	
Miss.	1,527	121	300	307	417	207	175	12.1	52.3	64.0	68.7	47.2	50.6	
W.S.C.	14,099	852	2,044	2,364	4,783	2,287	1,768	12.4	62.7	74.7	76.3	61.1	57.9	
Ark.	1,473	88	280	277	519	175	134	12.2	56.2	69.0	73.0	54.1	52.5	
La.	2,459	214	418	395	806	344	283	12.3	58.3	72.9	76.1	55.0	53.0	
Okla.	1,875	54	291	300	686	324	220	12.4	65.6	82.5	82.6	61.0		
Tex.	8,292	497	1,055	1,393	2,771	1,444	1,132	12.4	64.5	74.5	75.6	63.8	59.7	
Mt.	6,490	143	630	892	2,374	1,389	1,061	12.7	74.3	81.2	81.9	72.9	72.1	
Mont.	506	6	66	67	195	100	72	12.6	72.5	83.1	84.5	67.5	71.8	
Idaho	547	8	61	87	204	113	74	12.6	71.5	82.0	80.6	68.6	69.2	
Wyo.	255	3	25	36	101	54	37	12.6	75.3	85.1	84.6	71.5	73.7	
Colo.	1,735	23	150	208	638	381	336	12.8	78.1	82.2	83.8	77.0	76.5	
N. Mex.	750	43	98	116	250	128	115	12.5	65.7	75.2	75.0	63.8	63.0	
Ariz.	1,528	51	154	214	534	334	240	12.6	72.5	79.0	80.0	72.0	69.7	
Utah	758	5	42	103	285	190	133	12.8	80.2	85.4	85.6	79.8	77.7	
Nev.	411	5	34	61	167	90	54	12.6	75.7	80.9	82.4	75.6	73.0	
Pac.	19,547	561	1,848	2,587	6,825	4,483	3,243	12.7	74.4	81.4	81.5	73.3	82.4	
Wash.	2,417	25	228	320	944	512	388	12.7	76.3	82.0	84.0	73.8	75.6	
Oreg.	1,607	17	160	215	616	350	248	12.7	75.5	85.1	83.2	72.4	74.6	
Calif.	14,741	482	1,385	1,966	4,984	3,450	2,474	12.7	74.0	80.4	80.6	73.4	81.8	
Alaska	216	6	14	24	86	48	38	12.7	79.6	81.4	83.6	79.4	88.1	
Hawaii	566	31	61	61	196	122	95	12.7	73.0	90.4	86.0	70.7	66.5	

Source: U.S. Bureau of the Census, unpublished data.

NO. 236. YEARS OF HIGH SCHOOL COMPLETED, BY OCCUPATION GROUP OF EMPLOYED PERSONS, BY SEX AND RACE: 1970 AND 1978

[Relates to civilian noninstitutional population 18 years old and over in 1970, and 16 years old and over in 1978.
As of March. Service includes private household workers. Based on Current Population Survey; see text, p. 1]

SEX, RACE, AND YEARS OF HIGH SCHOOL COMPLETED	1970				1978			
	Total (mil.)	Percent			Total (mil.)	Percent		
		White collar	Blue collar	Service		White collar	Blue collar	Service
Male, White:								
Less than 4 years	14.7	18.5	64.8	7.5	9.1	12.3	15.4	64.5
4 years or more	27.7	58.0	34.6	4.6	2.9	36.1	53.4	37.5
Male, Black and other:								
Less than 4 years ¹	2.6	8.8	71.6	12.6	7.0	1.9	6.8	67.3
4 years or more ¹	2.0	42.1	47.3	9.2	1.4	2.6	33.7	50.6
Female, White:								
Less than 4 years	6.9	30.3	35.6	31.0	3.2	7.1	31.6	31.2
4 years or more	18.1	77.9	9.0	12.3	.8	26.2	75.7	9.3
Female, Black and other:								
Less than 4 years ¹	1.7	10.3	21.5	67.0	1.2	1.4	15.2	26.6
4 years or more ¹	1.9	56.8	15.8	27.3	.2	2.7	62.4	14.2

¹ For 1978, data are for Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, No. 125, and forthcoming report.

NO. 237. HIGH SCHOOL GRADUATES NOT ENROLLED IN COLLEGE AND SCHOOL DROPOUTS—EMPLOYMENT STATUS, BY SEX AND RACE: 1965 TO 1978

[In thousands of persons 16 to 21 years old, except percent. As of October. High school graduates: Persons not enrolled in college and who attended college prior to survey date; Dropouts: Persons not in regular school and not high school graduates. Based on samples and subject to sampling variability]

EMPLOYMENT STATUS, SEX, AND RACE	GRADUATES					DROPOUTS				
	1965	1970	1975 ¹	1977 ¹	1978 ¹	1965	1970	1975 ¹	1977 ¹	1978 ¹
Civilian population ²	4,898	5,823	7,179	7,440	7,683	2,986	2,757	3,271	3,326	3,376
In labor force	3,769	4,566	5,944	6,362	6,631	1,863	1,611	1,996	2,172	2,228
Percent of population	76.9	78.4	82.8	85.5	86.3	62.4	58.4	61.0	65.3	66.0
Employed	3,451	4,038	5,055	5,608	6,007	1,585	1,264	1,426	1,675	1,771
Percent of labor force	91.6	88.4	85.0	88.1	90.6	85.1	78.5	71.4	77.1	79.5
Male	1,512	1,730	2,542	2,764	3,017	1,105	805	952	1,159	1,168
Female	1,939	2,308	2,513	2,844	2,990	480	459	474	516	603
White	3,116	3,636	4,616	5,104	5,463	1,266	1,011	1,200	1,491	1,518
Black and other	335	402	441	3432	3485	319	253	227	319	323
Unemployed	318	528	889	754	624	278	347	570	497	457
Percent of labor force	8.4	11.6	15.0	11.9	9.4	14.9	21.5	28.6	22.9	20.5
Male	105	236	446	326	255	160	219	330	290	276
Female	213	292	444	428	369	118	128	240	207	181
White	259	429	712	557	435	203	232	414	344	340
Black and other	59	99	178	3192	3175	115	157	315	3110	3110
Not in labor force	1,129	1,257	1,235	1,078	1,052	1,123	1,146	1,276	1,154	1,148

¹ Based on population estimates consistent with 1970 census and not strictly comparable with 1965 and 1970 data, which are based on 1960 population. ² Noninstitutional. ³ Data are for Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, Nos. 66, 131, 191, 215; and forthcoming report.

NO. 238. HIGH SCHOOL DROPOUTS 14 TO 24 YEARS OLD, BY RACE AND AGE: 1968 TO 1978

[As of October. See headnote, table 237. Total dropouts include races not shown separately]

RACE AND AGE	NUMBER OF DROPOUTS (1,000)						PERCENT OF POPULATION					
	1968	1970	1975	1976	1977	1978	1968	1970	1975	1976	1977	1978
Total dropouts	4,650	4,870	4,974	5,129	5,148	5,240	13.1	12.2	11.5	11.8	11.7	11.9
14-17 years	721	762	864	853	835	852	4.8	4.8	5.2	5.1	5.0	5.2
18-21 years	2,163	2,138	2,557	2,618	2,607	2,652	17.1	16.4	16.3	16.4	16.2	16.3
22-24 years	1,766	1,770	1,553	1,658	1,706	1,736	22.3	18.7	14.5	15.1	15.2	15.2
White	3,685	3,577	3,861	4,128	4,161	4,210	11.9	10.8	10.5	11.1	11.1	11.3
14-17 years	578	603	712	721	716	746	4.5	4.5	5.0	5.1	5.1	5.4
18-21 years	1,711	1,618	1,980	2,115	2,094	2,095	15.6	14.3	14.7	15.5	15.2	15.1
22-24 years	1,396	1,356	1,169	1,292	1,351	1,369	20.1	16.3	12.6	13.6	14.0	14.0
Black	932	1,047	1,024	924	911	953	21.6	22.2	18.5	16.4	15.9	16.5
14-17 years	133	150	147	121	103	103	7.0	7.4	6.3	5.2	4.4	4.4
18-21 years	437	500	540	479	481	514	28.6	30.5	27.0	23.2	23.2	24.7
22-24 years	362	397	337	324	327	336	40.5	37.8	27.8	25.9	24.9	24.5

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 333 and earlier reports; and unpublished data.

Public Elementary and Secondary Schools

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No. 239. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1950 TO 1978

[Revenue and expenditure data for years ending June 30. Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series H 420, H 487-507, and H 520-530]

ITEM	1950	1960	1968	1970	1972	1974	1976	1978
ENROLLMENT (day schools only)								
Total population ¹ mil.	148.7	179.3	197.5	203.2	206.2	209.9	213.0	216.3
Population 5-17 years ¹ mil.	30.2	43.9	51.4	52.5	52.3	51.5	50.4	49.0
Percent of total population.....	20.3	24.5	26.0	25.8	25.4	24.5	23.6	22.7
Pupils enrolled..... mil.	25.1	36.1	² 43.9	² 45.6	² 46.1	² 45.4	² 44.8	² 43.7
Percent of total population.....	16.9	20.1	22.2	22.4	22.3	21.6	21.0	20.2
Percent of population 5-17 years.....	88.2	82.2	85.5	86.9	88.1	88.2	88.9	89.2
Average daily attendance..... mil.	22.3	32.5	40.8	41.9	42.3	41.4	41.3	40.2
Percent of pupils enrolled.....	88.7	90.0	98.0	91.9	91.7	91.2	92.2	92.0
Average length of term in days.....	177.9	178.0	178.8	178.9	179.3	178.7	178.3	(NA)
Average number of days attended per enrolled pupil.....	157.9	160.2	163.2	161.7	161.7	159.5	161.1	(NA)
INSTRUCTIONAL STAFF (day schools only)								
Total ³ 1,000	4,962	1,464	2,071	2,253	2,322	2,425	2,476	2,340
Classroom teachers..... 1,000	914	1,355	1,864	2,023	2,070	2,155	2,196	2,197
Male ⁵ 1,000	195	393	588	656	695	723	741	(NA)
Percent ⁶	21.3	29.0	31.5	32.4	33.7	33.5	33.7	(NA)
Female ⁶ 1,000	719	962	1,276	1,367	1,375	1,432	1,455	(NA)
Principals..... 1,000	39	64	86	91	97	100	104	(NA)
Supervisors..... 1,000	9	14	29	32	37	38	35	(NA)
REVENUES								
Total..... mil. dol.	5,437	14,747	31,903	40,267	50,004	58,231	71,206	80,925
Federal..... mil. dol.	156	652	2,806	3,220	4,468	4,930	6,318	6,575
State..... mil. dol.	2,166	5,768	12,276	16,063	19,133	24,113	31,776	35,692
Local (incl. intermediate)..... mil. dol.	3,116	8,327	16,821	20,985	26,402	29,187	33,112	38,658
EXPENDITURES								
Total..... mil. dol.	5,838	15,613	32,977	40,683	48,050	56,970	70,629	81,097
Current expenditure for day schools ⁸ mil. dol.	4,687	12,329	26,877	34,218	41,818	50,025	62,083	69,894
Other current expenditure ⁷ mil. dol.	36	133	866	638	⁸ 395	⁸ 453	⁹ 554	⁹ 2,600
Capital outlay ¹⁰ mil. dol.	1,014	2,662	4,256	4,659	4,459	4,979	6,146	6,423
Interest..... mil. dol.	101	490	978	1,171	1,378	1,514	1,846	2,180
In current dollars:								
Total expenditure:								
Per capita of total population	39	87	167	200	233	271	332	375
Per pupil in average daily attendance in day schools ¹¹ dol.	259	472	786	965	1,128	1,364	1,698	2,017
Current expenditure per pupil in average daily attendance in day schools ¹²	209	375	658	816	990	1,207	1,504	1,739
Salaries of total instructional staff..... mil. dol.	2,896	7,671	16,373	20,879	24,292	28,110	30,009	(NA)
Average annual salary per member..... dol.	3,010	5,174	7,630	8,840	10,100	11,185	¹² 12,448	(NA)
In 1976 dollars:								
Total expenditure:								
Per capita of total population	91	164	272	294	314	322	332	332
Per pupil in average daily attendance in day schools ¹¹ dol.	607	891	1,282	1,403	1,521	1,622	1,698	1,786
Current expenditure per pupil in average daily attendance in day schools ¹²	490	708	1,073	1,198	1,335	1,435	1,504	1,540
Average annual salary per member of total instructional staff..... dol.	7,050	9,768	12,441	12,983	13,615	13,802	¹³ 12,448	(NA)

NA. Not available. ¹ For 1960 and 1970, enumerated population as of Apr. 1; for all other years, estimated population as of July 1 of preceding year. Excludes Armed Forces abroad.

² As of fall of preceding year. ³ Beginning 1960, includes librarians and other nonsupervisory instructional staff, not shown separately.

⁴ Includes librarians and other nonsupervisory instructional staff. ⁵ Beginning 1960, estimated.

⁶ 1950 includes community services; therefore, not comparable with later years.

⁷ Comprises summer schools, community colleges, adult education, and, beginning 1960, community services.

⁸ Excludes adult education and community colleges. ⁹ Includes adult education, summer school, head start, and other education programs.

¹⁰ Through 1960, excludes capital outlay by State and local schoolhousing authorities.

¹¹ Based on current expenditures allocable to pupil costs, capital outlay, and interest.

¹² Excludes current expenditures not allocable to pupil costs. ¹³ Estimated.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial; and *Statistics of Public Elementary and Secondary Schools*, annual.

**NO. 240. PUBLIC ELEMENTARY AND SECONDARY SCHOOL ENROLLMENT AND RATE,
1970 AND 1978, ATTENDANCE, 1978, AND LENGTH OF TERM, 1976—STATES**

[In thousands, except as indicated. Enrollment as of fall of preceding year. ADA = Average daily attendance]

STATE	ENROLL- MENT		ENROLL- MENT RATE ¹		Per- cent ADA of enroll- ment, 1978 ²	Aver- age length of school year, 1976 (days)	STATE	ENROLL- MENT		ENROLL- MENT RATE ¹		Per- cent ADA of enroll- ment, 1978	Aver- age length of school year, 1976 (days)
	1970	1978	1970	1978				1970	1978	1970	1978		
U.S.	45,619	43,731	86.9	89.2	91.9	178.3	S.A.—Con.						
N.E.	2,465	2,471	83.2	88.8	90.7	179.9	W. Va.	401	402	90.7	98.0	90.8	179.1
Maine	240	246	92.7	97.2	90.7	175.4	N.C.	1,186	1,182	89.6	94.0	92.3	180.0
N.H.	152	174	80.4	88.4	92.0	179.6	S.C.	643	621	90.0	90.0	92.8	180.0
Vt.	100	103	85.5	90.4	96.1	177.0	Ga.	1,113	1,089	90.9	90.9	92.5	180.0
Mass.	1,147	1,165	81.7	90.7	90.0	181.0	Fla.	1,408	1,535	87.5	91.0	90.6	180.0
R.I.	180	166	80.0	80.7	92.2	180.0	E.S.C.	2,996	2,839	87.8	87.9	98.3	175.9
Conn.	646	617	84.1	88.8	90.6	180.0	Ky.	704	697	88.4	87.7	91.7	175.2
M.A.	7,287	6,781	80.2	83.3	89.5	179.0	Tenn.	891	878	88.9	91.2	98.6	175.7
N.Y.	3,514	3,230	80.6	82.2	88.5	177.3	Ala.	826	762	88.5	88.0	94.0	175.9
N.J.	1,455	1,422	80.9	86.1	87.4	180.3	Miss.	575	502	90.6	83.1	94.0	177.3
Pa.	2,318	2,129	79.3	83.3	92.3	180.6	W.S.C.	4,682	4,734	90.4	93.2	91.7	178.6
E.N.C.	9,118	8,460	85.1	88.3	(NA)	178.2	Ark.	460	459	92.6	94.6	95.2	175.0
Ohio	2,424	2,182	86.0	88.4	91.6	178.1	La.	854	839	82.0	85.1	90.9	179.7
Ind.	1,224	1,144	88.4	91.6	89.5	181.4	Okla.	613	594	95.6	97.7	93.9	175.1
Ill.	2,324	2,180	81.3	84.8	87.4	174.1	Tex.	2,755	2,843	91.8	94.7	90.9	179.7
Mich.	2,166	2,036	88.5	92.8	91.6	180.0	Mt.	2,100	2,280	90.9	96.2	(NA)	170.7
Wis.	980	918	81.5	83.7	(NA)	Mont.	175	169	89.3	94.4	(NA)	180.7	
W.N.C.	3,817	3,376	88.8	88.8	93.0	Idaho	180	201	90.0	98.5	93.0	180.0	
Minn.	914	836	87.0	88.9	95.5	Wyo.	87	92	93.5	97.9	93.5	180.4	
Iowa	661	588	88.9	89.0	94.7	Colo.	538	562	91.5	95.1	93.2	179.7	
Mo.	1,077	931	91.0	88.0	89.3	175.0	N. Mex.	276	282	89.0	93.4	95.0	180.0
N. Dak.	148	125	84.6	81.2	96.0	180.1	Ariz.	418	514	86.0	96.4	90.9	175.0
S. Dak.	167	144	89.3	89.4	94.4	Utah	302	317	96.8	99.4	93.7	180.0	
Nebr.	331	306	85.3	86.7	93.1	175.8	Nev.	124	143	98.4	97.3	90.9	180.0
Kans.	519	446	90.6	88.8	92.8	180.0	Pac.	6,153	5,801	91.8	90.7	96.8	176.8
S.A.	7,004	6,985	89.0	91.4	91.9	180.2	Wash.	820	776	93.2	94.6	92.9	180.0
Del.	130	118	87.2	87.4	91.5	Oreg.	479	474	89.7	92.2	90.7	178.0	
Md.	892	836	85.9	86.8	90.7	Calif.	4,598	4,289	92.0	90.4	98.5	176.0	
D.C.	149	120	90.9	84.5	90.8	182.0	Alaska	77	90	87.7	82.6	92.2	179.9
Va.	1,077	1,082	89.9	93.3	93.8	180.4	Hawaii	179	172	87.3	83.9	91.9	177.9

NA Not available. ¹ Percent of persons, 5-17 years. 1970 based on Bureau of the Census resident population as of April 1, 1970; 1978, on estimated resident population as of July 1, 1977. ² Estimated.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial; and *Digest of Education Statistics*, annual.

**NO. 241. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY GRADE:
1960 TO 1978**

[For school year through 1970; thereafter, as of fall of year. Beginning 1974, kindergarten includes nursery schools. Ungraded and special classes prorated among grades. Twelfth grade includes postgraduates. See also *Historical Statistics, Colonial Times to 1970*, series H. 420-424]

GRADE	ENROLLMENT (1,000)							PERCENT DISTRIBUTION					
	1960	1965	1970	1974	1975	1976	1977	1978 ¹	1960	1970	1975	1977	1978 ¹
Pupils enrolled...	36,087	42,280	46,531	45,056	44,838	44,334	43,717	42,559	100.0	100.0	100.0	100.0	100.0
Kindergarten and grades 1-8...	27,602	30,652	33,249	30,931	30,544	30,012	29,431	28,433	76.5	71.5	68.1	67.3	66.8
Kindergarten...	1,923	2,250	2,653	2,862	3,058	3,000	2,851	2,660	5.3	5.7	6.8	6.5	6.3
First...	3,733	4,014	4,026	3,290	3,365	3,460	3,418	3,062	10.3	8.7	7.5	7.8	7.2
Second...	3,436	3,800	3,876	3,195	3,150	3,204	3,315	3,148	9.5	8.4	7.0	7.6	7.4
Third...	3,302	3,052	3,883	3,263	3,163	3,104	3,176	3,158	9.2	8.3	7.1	7.3	7.4
Fourth...	3,146	3,523	3,820	3,440	3,247	3,143	3,100	3,046	8.7	8.2	7.2	7.1	7.2
Fifth...	3,118	3,465	3,777	3,606	3,415	3,239	3,142	2,980	8.6	8.1	7.6	7.2	7.0
Sixth...	3,070	3,362	3,721	3,656	3,610	3,425	3,243	3,036	8.5	8.0	8.1	7.4	7.1
Seventh...	3,173	3,383	3,825	3,814	3,760	3,716	3,521	3,228	8.8	8.2	8.4	8.1	7.6
Eighth...	2,701	3,212	3,668	3,805	3,776	3,721	3,664	3,355	7.5	7.9	8.4	8.4	7.9
Grades 9-12...	8,485	11,628	13,282	14,125	14,294	14,322	14,286	14,126	23.5	28.5	31.9	32.7	33.2
Ninth...	2,412	3,328	3,708	3,927	3,701	3,919	3,886	3,727	6.7	8.0	8.9	8.8	8.8
Tenth...	2,258	3,085	3,541	3,760	3,814	3,881	3,800	3,610	6.3	7.6	8.5	8.7	8.5
Eleventh...	2,063	2,778	3,171	3,388	3,430	3,462	3,487	3,312	5.7	6.8	7.6	8.0	7.8
Twelfth...	1,752	2,567	2,862	3,041	3,079	3,110	3,114	3,024	4.8	6.1	6.9	7.1	7.1

¹ Includes students unclassified.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial; beginning 1974, *Fall Statistics of Public Schools*, annual.

No. 242. NONPUBLIC SCHOOLS, PUPILS, AND TEACHERS, BY LEVEL AND CHURCH AFFILIATION: 1977

[As of October 1]

ITEM AND LEVEL	All schools	No affiliation	CHURCH AFFILIATED			PERCENT OF ALL SCHOOLS		
			Total	Catholic	Other	No affiliation	Church affiliated	
							Total	Catholic
Schools, total	17,297	3,942	13,355	9,334	4,021	22.8	77.2	54.0
Elementary ¹	11,356	1,343	10,013	7,027	2,386	11.8	88.2	67.2
Secondary	2,165	430	1,735	1,408	327	19.9	80.1	65.0
Combined ²	2,585	1,221	1,364	128	1,236	47.2	52.8	5.0
Special education	927	745	182	139	43	80.4	19.6	15.0
Other	264	203	61	32	29	76.9	23.1	12.1
Pupils	4,610,288	722,137	3,888,151	3,150,814	737,337	15.7	84.3	68.3
Elementary ¹	2,796,094	174,938	2,621,156	2,276,298	344,858	6.3	93.7	81.4
Secondary	964,500	89,475	875,025	803,059	71,966	9.3	90.7	83.3
Combined ²	752,148	384,223	367,925	54,137	313,788	51.1	48.9	7.2
Special education	73,169	57,929	15,240	11,838	3,402	79.2	20.8	16.2
Other	24,377	15,572	8,805	5,482	3,323	63.9	36.1	22.5
Teachers	232,541	57,249	175,202	131,588	43,704	24.6	75.4	56.6
Elementary ¹	117,639	12,199	105,440	86,536	18,904	10.4	89.6	73.6
Secondary	54,031	8,498	45,533	40,143	5,390	15.7	84.3	74.3
Combined ²	49,931	28,063	21,868	3,157	18,711	56.2	43.8	6.3
Special education	8,345	7,079	1,766	1,326	440	80.0	20.0	15.0
Other	2,095	1,410	685	426	259	67.3	32.7	20.3
Pupil/teacher ratio, total	19.8	12.6	22.2	23.9	16.9	(X)	(X)	(X)
Elementary ¹	23.8	14.3	24.9	26.3	18.2	(X)	(X)	(X)
Secondary	17.9	10.5	19.2	20.0	13.4	(X)	(X)	(X)
Combined ²	15.1	13.7	16.8	17.1	16.8	(X)	(X)	(X)
Special education	8.3	8.2	8.6	8.9	7.7	(X)	(X)	(X)
Other	11.6	11.0	12.9	12.9	12.8	(X)	(X)	(X)

¹ Not applicable. ² Includes middle schools.² Combined elementary and secondary schools.

Source: U.S. National Center for Education Statistics, press release.

No. 243. CATHOLIC ELEMENTARY AND SECONDARY SCHOOLS: 1960 TO 1978

[As of October 1. Regular sessions only. See also *Historical Statistic, Colonial Times to 1970*, series H 535-544]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Elementary schools—number	10,501	10,879	9,362	8,766	8,569	8,437	8,340	8,281	8,204	8,159
Pupils enrolled	1,000	4,373	4,492	3,355	2,874	2,714	2,602	2,525	2,483	2,421
Teachers, total	1,000	108	120	112	105	103	100	99	100	99
Religious	1,000	79	76	52	44	41	38	35	34	32
Lay	1,000	29	44	60	61	62	62	64	66	70
Secondary schools—number	2,392	2,413	1,981	1,790	1,728	1,690	1,653	1,623	1,593	1,564
Pupils enrolled	1,000	880	1,082	1,008	927	907	902	890	882	867
Teachers, total	1,000	44	57	54	51	51	50	50	51	49
Religious	1,000	33	38	28	23	23	21	20	19	18
Lay	1,000	11	19	26	27	29	29	30	32	33

Source: National Catholic Educational Association, Washington, D.C., *A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1967-68 to 1969-70*, and *U.S. Catholic Schools, 1973-74*; and National Catholic Educational Association/Ganley's, *Catholic Schools in America*, annual. (Copyright.)

No. 244. SCHOOL ENROLLMENT OF INDIAN CHILDREN: 1960 TO 1977

[In thousands, except percent. As of fall. Relates to children 6-18 years of age through 1965; 5-18 thereafter]

STATUS OF CHILDREN	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
Total	146	149	206	207	213	205	209	209	216	219
In school	133	134	186	190	197	188	190	190	202	206
Percent of total	91.3	89.7	90.3	91.8	92.5	91.7	90.9	90.9	93.5	94.1
Federal	37	43	48	49	49	48	48	47	46	46
Public	85	82	127	131	139	129	134	133	145	149
Other	11	9	11	11	10	11	10	11	9	11
Not in school	9	9	12	10	9	8	8	11	9	8
Unknown ¹	4	7	8	7	7	9	11	8	5	5

¹ Children recorded on census records but residing off the reservation.Source: U.S. Bureau of Indian Affairs, *Statistics Concerning Indian Education*, annual.

NO. 245. BLACK AND HISPANIC ENROLLMENT IN PUBLIC ELEMENTARY AND SECONDARY SCHOOLS: 1970 TO 1976

[As of fall. Excludes Hawaii. Data are estimated from results of a survey of public school districts with a substantial minority group enrollment. "Minority group" refers to Blacks, American Indians, Alaskan Natives, Asian or Pacific Islanders, and Hispanics.]

ITEM	1970	1972	1974	1976	ITEM	1970	1972	1974	1976
Total enrollment 1,000	44,910	44,647	45,988	43,540	Total enrollment 1,000	44,910	44,647	45,988	43,540
Black.....1,000	6,713	6,796	6,684	6,772	Hispanic.....1,000	2,275	2,414	2,577	2,797
Percent Black—					Percent Hispanic—				
Of total enrollment	14.0	15.2	14.5	15.0	Of total enrollment	5.1	5.4	5.6	6.4
By minority group					By minority group				
enrollment in—					enrollment in—				
Schools under 50					Schools under 50				
percent.....	33.1	36.3	37.1	(NA)	percent.....	44.2	43.5	42.3	(NA)
Schools 50-100					Schools 50-100				
percent.....	66.9	63.7	63.0	(NA)	percent.....	55.8	56.5	57.8	(NA)
Schools 95-100					Schools 95-100				
percent.....	38.2	34.8	33.6	(NA)	percent.....	33.1	32.9	33.0	(NA)
Schools 100 percent	14.0	11.2	11.4	(NA)	Schools 100 percent	1.8	1.0	1.2	(NA)

NA Not available.

Source: U.S. Office for Civil Rights, *The Directory of Public Elementary and Secondary Schools in Selected Districts—Enrollment and Staff by Racial/Ethnic Group, Fall 1970; Fall 1972 Racial and Ethnic Enrollment in Public Elementary and Secondary Schools*; and unpublished data.

NO. 246. MINORITY ENROLLMENT IN PUBLIC ELEMENTARY AND SECONDARY SCHOOLS, BY MINORITY-GROUP SCHOOL ENROLLMENT—STATES: 1976

[As of fall. "Minority group" refers to Blacks, American Indians, Alaskan Natives, Asian or Pacific Islanders, and Hispanics. Data are based on a survey of public school districts with a substantial minority-group enrollment. Extent of undercoverage (school districts not included) will vary by State.]

STATE	Total ¹ (1,000)	MINORITY-GROUP SCHOOL ENROLLMENT				STATE	Total ¹ (1,000)	MINORITY-GROUP SCHOOL ENROLLMENT					
		Under 50 percent		90-100 percent				Under 50 percent		90-100 percent			
		Total (1,000)	Percent	Number (1,000)	Percent			Total (1,000)	Percent	Number (1,000)	Percent		
Total	10,747.0	4,287.0	39.9	3,379.8	1,829.2	17.0	Miss.	242.4	69.0	28.5	75.4	35.3	14.6
Ala.	258.9	107.3	41.5	91.3	62.8	24.3	Mo.	147.7	47.5	32.1	78.2	54.2	36.7
Alaska	21.3	10.2	47.7	7.9	2.9	13.7	Mont.	10.7	7.6	71.1	1.8	—	—
Ariz.	190.1	77.8	40.9	60.2	5.4	2.9	Nebr.	23.7	20.5	86.6	.6	—	—
Ark.	111.1	61.6	55.5	3.9	.8	.7	Nev.	26.1	24.6	94.1	.7	—	—
Calif.	1,583.9	673.9	42.5	342.6	170.0	10.7	N.H.	1.7	1.7	100.0	—	—	—
Col.	101.9	62.0	60.9	.3	—	—	N.J.	334.9	119.6	35.7	124.6	55.7	16.6
Conn.	81.8	32.5	39.7	27.4	12.0	14.6	N. Mex.	150.3	43.6	29.0	27.4	2.9	1.9
Del.	29.8	16.2	54.5	9.0	.7	2.5	N.Y.	1,058.2	214.8	20.3	614.6	299.8	28.3
D.C.	120.7	.6	.5	114.6	101.9	84.4	N.C.	359.5	216.5	60.2	17.6	5.3	1.5
Fla.	451.6	262.0	58.0	70.0	23.2	5.1	N. Dak.	4.2	3.2	75.6	.3	.2	3.9
Ga.	414.4	192.0	46.3	96.3	55.5	13.4	Ohio	307.3	116.4	37.9	109.2	66.4	21.6
Hawaii	138.1	4.9	3.6	61.5	.1	.1	Oklahoma	132.4	106.2	80.2	3.8	.3	.2
Idaho	10.8	10.4	96.2	—	—	—	Oreg.	35.2	31.3	88.8	1.5	—	—
Ill.	505.3	150.6	25.3	351.1	274.1	46.1	Pa.	323.9	118.3	36.5	143.4	93.4	28.8
Ind.	138.3	67.2	48.6	43.7	30.7	22.2	R.I.	11.1	10.4	93.7	—	—	—
Iowa	19.8	18.6	93.8	—	—	—	S.C.	267.4	107.1	40.0	42.4	24.1	9.0
Kans.	48.7	38.7	79.5	5.8	3.8	7.0	S. Dak.	9.7	6.4	65.9	1.1	.2	1.9
Ky.	63.8	58.0	91.0	.5	.1	.2	Tenn.	188.5	72.2	38.3	49.6	24.6	13.1
La.	349.8	133.1	38.0	124.4	88.6	25.3	Tex.	1,109.1	360.2	32.5	391.0	150.7	13.6
Maine	2.1	2.1	100.0	—	—	—	Vt.	20.2	17.5	86.9	.6	—	—
Md.	277.6	124.0	44.7	81.9	59.8	21.5	Va.	323.5	151.5	46.8	16.7	2.1	.7
Mass.	81.0	43.8	54.0	1.6	—	—	Wash.	69.4	54.9	79.1	1.4	—	—
Mich.	341.9	111.1	32.5	145.8	93.7	27.4	W. Va.	17.6	17.4	98.5	—	—	—
Minn.	39.6	38.8	97.9	—	—	—	Wis.	92.2	44.5	48.3	38.1	27.7	30.0
							Wyo.	7.1	6.3	88.7	—	—	—

— Represents zero. ¹ Includes categories not shown separately.

Source: U.S. Office for Civil Rights, unpublished data.

No. 247. ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT AND TEACHERS, BY TYPE OF CONTROL: 1960 TO 1977

[In thousands, except percent and ratio. As of fall of year. Enrollment data are not directly comparable with enrollment figures given for an entire school year in other tables. Schools are classified by type of organization, rather than by grade group; elementary includes kindergarten; secondary includes junior high schools. Data for nonpublic schools and, beginning 1972, for classroom teachers in public schools, are estimated, except as indicated]

ENROLLMENT AND TEACHERS	1960	1965	1970	1972	1973	1974	1975	1976	1977
PUPILS ENROLLED									
Total	42,181	48,473	51,309	50,744	50,329	50,053	49,791	49,317	48,731
Annual percent change ¹	6.6	2.8	1.1	-6	-8	-6	-5	-1.0	-1.2
Elementary	29,150	31,570	31,601	31,028	30,035	29,982	29,240	29,030	28,410
Secondary	13,031	16,904	19,708	19,721	20,295	20,071	20,551	20,287	20,321
Public	36,281	42,173	45,900	45,744	45,429	45,053	44,791	44,317	43,731
Elementary	24,350	26,670	27,501	27,323	26,435	26,382	26,640	25,430	24,810
Secondary	11,931	15,504	18,408	18,421	18,995	18,671	19,151	18,887	18,921
Nonpublic	5,900	6,300	5,400	5,000	4,900	5,000	5,000	5,000	5,000
Elementary	4,800	4,900	4,100	3,700	3,600	3,600	3,600	3,600	3,600
Secondary	1,100	1,400	1,300	1,300	1,300	1,400	1,400	1,400	1,400
CLASSROOM TEACHERS									
Total	1,600	1,933	2,288	2,338	2,376	2,404	2,441	2,433	2,446
Annual percent change ¹	4.5	3.9	3.4	1.1	1.6	1.2	1.5	-3	.5
Elementary	991	1,112	1,281	1,292	1,305	1,320	1,336	1,324	1,327
Secondary	609	822	1,007	1,046	1,071	1,084	1,105	1,109	1,119
Public	1,408	1,710	2,055	2,103	2,138	2,165	2,196	2,186	2,197
Elementary	858	965	1,128	1,140	1,152	1,167	1,180	1,166	1,167
Secondary	550	748	927	963	986	998	1,016	1,020	1,030
Nonpublic	192	223	233	235	238	239	245	247	249
Elementary	133	² 147	² 153	152	153	153	156	158	160
Secondary	59	² 76	² 80	83	85	86	89	89	89
PUPIL-TEACHER RATIO									
Public: Elementary	28.4	27.6	24.4	24.0	22.9	22.6	21.7	21.8	21.3
Secondary	21.7	20.8	19.8	19.1	19.3	18.7	18.8	18.5	18.4
Nonpublic: Elementary	38.1	33.5	26.5	24.3	23.5	23.5	23.1	22.8	22.5
Secondary	18.3	18.1	16.4	15.7	15.3	16.3	15.7	15.7	15.7

¹ Average from prior year shown; for 1960, from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation.

² Reported data from Office of Education surveys.

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics to 1986-87*; and unpublished data.

No. 248. PUBLIC SCHOOL EMPLOYMENT, BY OCCUPATION, 1974 TO 1976, AND BY SEX AND RACE, 1975 AND 1976

[In thousands. Covers full-time employment. Excludes Hawaii and District of Columbia. Based on sample survey of school districts with 250 or more students; see source for sampling variability]

OCCUPATION	1974, total	1975				1976			
		Total ¹	Male	Female	White ²	Black ²	Total ¹	Male	Female
All occupations	3,452	3,590	1,273	2,317	3,001	461	3,599	1,278	2,321
Officials, administrators	39	43	37	7	40	2	45	37	7
Principals and asst.									
principals	107	112	94	18	98	12	111	98	17
Classroom teachers ³	1,995	2,047	696	1,351	1,791	209	2,047	701	1,345
Elementary schools	987	1,005	168	836	865	114	992	169	823
Secondary schools	885	902	488	414	808	75	908	493	415
Other professional staff	228	237	78	159	205	26	239	78	161
Teachers aides ⁴	220	240	19	221	161	54	236	18	218
Clerical, secretarial staff	215	230	5	225	203	18	236	5	231
Service workers ⁵	649	681	344	337	504	141	686	346	340

¹ Includes other races and individuals of Spanish origin, not shown separately.

² Excludes individuals of Spanish origin. ³ Includes other classroom teachers, not shown separately.

⁴ Includes technicians. ⁵ Includes craftworkers and laborers.

Source: U.S. Equal Employment Opportunity Commission, *Employment Opportunity in the Schools*, 1976 and 1977; and unpublished data.

NO. 249. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBER AND AVERAGE SALARY OF CLASSROOM TEACHERS, 1960 TO 1979, AND BY STATES, 1979

[Estimates for school year ending in June. Schools classified by type of organization rather than by grade-group; elementary includes kindergarten]

YEAR AND STATE	TEACHERS (1,000)			AVG. SALARY (\$1,000)			STATE	TEACHERS (1,000)			AVG. SALARY (\$1,000)		
	Total	Ele- men- tary	Sec- ond- ary	All teach- ers	Ele- men- tary	Sec- ond- ary		Total	Ele- men- tary	Sec- ond- ary	All teach- ers	Ele- men- tary	Sec- ond- ary
1960-----	1,355	834	521	5.0	4.8	5.3	Md.-----	42.9	20.4	22.5	16.6	16.4	16.7
1965-----	1,648	940	708	6.2	6.0	6.5	Mass.-----	64.9	29.7	35.2	16.1	16.0	16.3
1970-----	2,013	1,107	907	8.6	8.4	8.9	Mich.-----	80.3	41.8	38.5	18.0	18.0	
1972-----	2,109	1,143	966	9.7	9.4	10.0	Minn.-----	43.7	20.0	23.7	15.4	14.8	16.0
1973-----	2,155	1,176	979	10.2	9.9	10.5	Miss.-----	25.3	14.1	11.1	11.2	11.0	11.4
1974-----	2,155	1,176	979	10.8	10.5	11.1	Mo.-----	48.4	24.5	23.9	12.9	12.6	13.2
1975-----	2,171	1,169	1,001	11.7	11.3	12.0	Mont.-----	9.7	5.3	4.4	13.7	13.1	14.3
1976-----	2,190	1,168	1,022	12.7	12.3	13.0	Nebr.-----	18.5	9.8	8.7	12.9	11.9	13.6
1977-----	2,190	1,177	1,013	13.3	13.0	13.8	Nev.-----	6.5	3.3	3.2	15.2	15.2	15.4
1978-----	2,196	1,180	1,016	14.2	13.9	14.6	N.H.-----	9.2	4.9	4.3	11.8	11.5	12.2
1979, U.S.	2,185	1,170	1,015	15.0	14.7	15.5	N.J.-----	78.0	49.0	29.0	16.3	16.1	16.7
Ala.-----	37.0	17.6	19.3	12.9	12.5	13.4	N.Mex.-----	13.9	9.3	4.6	14.2	14.0	14.4
Alaska-----	5.1	2.7	2.3	24.2	24.1	24.2	N.Y.-----	169.7	77.4	92.3	18.6	18.5	18.7
Ariz.-----	24.4	17.1	7.3	15.2	15.0	15.7	N.C.-----	54.1	36.7	17.4	13.5	13.2	14.3
Ark.-----	22.8	11.1	11.8	11.1	10.8	11.4	N.Dak.-----	7.4	4.4	3.0	12.0	11.8	12.3
Calif.-----	182.9	109.3	73.6	17.6	16.8	18.3	Ohio.-----	104.5	53.4	51.1	14.2	13.8	14.6
Colo.-----	29.3	14.2	15.1	15.0	15.0	15.0	Oklahoma-----	31.2	15.7	15.5	12.5	12.3	12.8
Conn.-----	35.1	20.8	14.3	15.2	15.0	15.5	Oreg.-----	23.8	13.2	10.7	14.8	14.5	15.2
Del.-----	5.9	2.4	3.5	14.9	14.6	15.1	Pa.-----	110.6	53.6	57.0	15.4	15.3	15.6
D.C.-----	6.0	3.5	2.5	(NA)	(NA)	(NA)	R.I.-----	8.9	4.4	4.5	16.7	16.1	17.2
Fla.-----	76.3	39.0	37.2	14.0	13.9	14.1	S.C.-----	29.7	17.7	11.9	12.2	11.9	12.7
Ga.-----	54.5	32.9	21.6	12.8	13.2	13.7	S. Dak.-----	8.2	5.3	2.9	11.8	11.6	11.8
Hawaii-----	7.9	4.4	3.6	18.4	18.8	17.8	Tenn.-----	40.6	25.0	15.6	12.7	12.6	13.0
Idaho-----	9.7	5.0	4.7	12.6	12.4	12.9	Utah.-----	13.7	7.3	6.4	13.9	13.4	14.5
Ill.-----	107.1	54.8	52.2	16.9	16.1	17.8	Vt.-----	6.3	3.3	3.0	11.8	11.4	12.1
Ind.-----	53.1	26.3	26.8	14.2	13.8	14.6	Va.-----	59.5	34.3	25.2	13.2	12.7	13.8
Iowa-----	33.1	15.7	17.4	14.2	13.7	14.7	Wash.-----	34.5	18.7	15.8	17.4	17.1	18.0
Kans.-----	25.6	13.8	11.8	12.8	12.9	13.0	W. Va.-----	21.1	11.7	9.5	12.7	12.4	13.0
Ky.-----	33.8	21.0	12.8	13.1	12.8	13.9	Wis.-----	55.7	30.2	25.5	15.0	14.6	15.5
La.-----	41.3	22.1	19.3	13.0	12.8	13.3	Wyo.-----	5.8	2.9	2.9	14.5	14.0	14.0
Maine-----	12.0	7.0	4.9	12.3	11.9	13.0							

NA Not available.

Source: National Education Association, Washington, D.C., *Estimates of School Statistics, 1978-79*. (Copyright © 1979 by the National Education Association. All rights reserved.)

NO. 250. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—CLASSROOM TEACHERS, BY EXPERIENCE AND DEGREES HELD: 1966 TO 1978

[As of spring. Based on sample and subject to sampling variability]

EXPERIENCE AND DEGREE	1966		1971		1976		1978			
	Ele- men- tary	Sec- ond- ary	Ele- men- tary	Sec- ond- ary	Ele- men- tary	Sec- ond- ary	Ele- men- tary	Sec- ond- ary	Men	Women
Percent with teaching experience of:										
1-2 years-----	16.2	21.0	15.2	18.5	10.1	12.5	7.7	6.6	6.1	8.6
3-4 years-----	12.2	16.7	16.4	14.7	15.9	15.9	11.1	11.5	11.3	12.5
5-9 years-----	19.8	23.9	21.4	27.7	28.6	29.0	29.2	27.1	26.2	29.5
10-14 years-----	14.1	14.3	14.3	17.2	15.6	19.0	20.0	21.7	21.5	18.9
15-19 years-----	11.0	8.5	10.4	8.9	12.1	12.9	12.6	15.2	15.2	12.7
20 years or more-----	26.7	15.7	22.5	18.7	17.5	10.6	19.4	17.9	19.7	17.8
Median ¹ years-----	10	7	8	7	8	8	10	11	11	9
Percent, highest degree held:										
No degree-----	12.9	.6	{ 1.0	.4	.6	.6	.5	.1	.2	.3
2-year degree-----			3.6	.7	.1	.4				
Bachelor's degree-----	71.4	67.7	74.5	64.2	69.8	53.8	61.2	48.0	40.2	61.3
Master's degree-----	14.0	29.6	20.3	32.5	27.1	41.2	35.9	47.0	52.4	36.4
Professional degree, 6 years-----	.8	1.9	.6	1.4	2.2	3.3	2.4	4.0	6.2	1.9
Doctor's degree-----	-	.3	-	.8	.1	.7	-	.9	1.0	.1

¹ Represents zero or rounds to zero. ² For definition of median, see Guide to Tabular Presentation.

Source: National Education Association, Washington, D.C., *Status of the American Public School Teacher, 1965-66, 1970-71, and 1975-76*; and unpublished data. (Copyright © 1967, 1972, and 1977 by the National Education Association. All rights reserved.)

Pupil Transportation

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NO. 251. PUBLIC SCHOOL PUPIL TRANSPORTATION: 1940 TO 1977

[Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series H 531-534]

ITEM	1940	1950	1960	1968	1970	1972	1974	1976	1977
Pupils transported:									
At public expense ¹	4.1	6.9	12.2	17.1	18.2	19.5	21.3	21.7	22.5
Percent of pupils in A.D.A. ¹	16.3	27.7	37.6	42.0	43.4	46.1	51.5	52.8	55.2
Expenditure of public funds ²	83	215	486	981	1,219	1,508	1,858	2,377	2,502
Cost per pupil transported ¹	20	31	40	57	67	77	87	109	111

¹ Prior to 1960 based on enrollment; thereafter, average daily attendance (A.D.A.). ² Excludes capital outlay.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 252. PUBLIC SCHOOL TRANSPORTATION—SUMMARY, BY STATES: 1970 TO 1976

[ADA=Average daily attendance. Data refer to elementary and secondary schools]

STATE	ADA OF PUPILS TRANSPORTED AT PUBLIC EXPENSE						EXPENDITURES FOR TRANSPORTING PUPILS				
	Pupils transported (1,000)			Percent of total ADA			Total (mil. dol.)			Avg. per pupil	
	1970	1974	1976	1970	1974	1976	1970	1974	1976	1970	1976
U.S. ¹	18,198.6	21,347.0	21,772.5	43.4	51.5	52.8	1,218.6	1,858.1	2,377.3	\$66.96	\$109.19
Ala.	398.5	425.1	442.8	51.0	58.8	61.8	13.6	19.6	25.1	34.39	56.75
Alaska	27.8	34.6	37.3	38.4	44.5	48.7	4.8	7.3	10.6	156.31	283.35
Ariz.	139.8	183.5	188.4	35.7	40.7	37.0	6.3	10.4	21.5	45.11	127.38
Ark.	210.5	249.5	261.5	50.8	59.6	61.0	11.3	15.6	20.6	53.46	78.94
Calif.	920.4	1,500.0	950.4	20.8	34.4	21.8	74.9	110.5	91.7	81.39	96.47
Colo.	161.0	212.5	240.3	32.2	39.9	45.6	11.3	19.0	24.6	69.96	102.50
Conn.	359.8	388.8	396.8	58.1	63.2	66.6	22.2	32.5	40.1	61.84	100.97
Del.	71.5	80.5	81.5	59.2	60.5	69.4	4.8	8.0	9.6	67.51	118.18
D.C. ²	2.6	2.1	1.1	1.8	1.7	.9	1.7	6.8	8.3	(2)	(2)
Fla.	418.0	633.9	727.8	31.8	45.2	50.7	19.8	42.6	56.6	47.39	77.76
Ga.	550.1	640.3	692.3	54.0	64.8	60.3	24.6	36.0	51.6	44.73	74.54
Hawaii	29.0	40.0	35.5	17.2	24.8	21.8	2.5	3.8	5.9	85.72	165.33
Idaho	87.6	93.4	104.2	51.2	53.7	57.2	5.2	6.7	10.3	59.34	96.68
Ill.	662.1	745.5	761.5	31.8	36.8	39.3	30.8	90.5	119.2	76.67	156.57
Ind.	585.5	651.6	659.0	52.7	60.4	62.8	36.9	49.2	68.6	63.10	96.58
Iowa	269.0	286.2	280.5	43.1	48.5	48.8	23.6	30.1	40.8	87.67	145.57
Kans.	168.0	160.2	161.3	35.7	37.4	38.5	14.6	17.8	18.0	86.71	111.80
Ky.	403.8	437.7	420.0	62.3	67.1	67.5	18.8	26.7	42.3	46.55	100.76
La.	486.4	568.3	548.9	62.6	74.6	71.5	29.7	43.5	58.4	61.08	106.39
Maine	145.5	166.7	175.5	64.6	73.0	77.0	8.7	13.2	17.3	60.11	98.47
Md.	451.3	528.8	515.4	57.4	65.8	64.9	29.0	44.9	57.2	64.29	110.92
Mass.	468.1	620.0	715.8	44.3	58.9	66.8	31.4	65.5	81.6	67.11	114.00
Mich.	748.8	913.0	937.2	37.6	46.0	47.5	56.2	92.8	122.7	75.07	130.89
Minn.	429.9	489.4	618.2	49.7	60.0	74.7	40.9	57.2	78.1	95.21	126.41
Miss.	293.3	293.5	306.0	55.9	60.7	63.9	14.6	18.8	24.8	49.74	81.02
Mo.	581.4	628.3	636.9	64.2	70.5	73.6	30.2	42.9	53.4	51.91	83.78
Mont.	50.1	57.2	56.0	30.8	35.6	35.8	6.8	9.0	10.9	(N.A.)	194.76
Nebr.	56.0	65.8	69.2	17.8	21.7	23.3	7.3	10.7	15.0	131.04	216.95
Nev.	45.3	44.4	46.0	39.9	36.1	35.9	2.9	4.4	6.9	63.63	150.54
N.H.	75.6	87.4	106.9	53.9	55.8	66.9	4.9	7.8	10.0	65.34	98.25
N.J.	4 540.8	4 612.7	610.4	40.9	46.1	46.6	45.2	73.3	92.2	83.68	151.01
N. Mex.	117.5	127.8	131.9	45.2	52.1	51.4	8.5	10.8	15.3	72.29	116.31
N.Y.	4 1,520.8	4 1,657.5	1,910.8	49.1	45.6	63.4	196.7	299.4	368.4	129.33	192.77
N.C.	629.9	726.2	744.8	57.0	65.5	66.5	21.4	34.4	42.9	33.91	57.68
N. Dak.	59.2	55.2	53.7	41.7	41.4	42.5	7.6	9.5	12.2	128.58	227.03
Ohio	1,042.2	1,208.9	1,248.8	46.4	55.9	59.4	44.5	68.0	88.5	42.71	70.59
Oklahoma	187.6	268.9	286.4	33.4	48.1	51.3	12.5	19.9	25.6	66.58	89.15
Oreg.	241.7	259.4	253.7	55.3	60.4	59.7	14.3	21.6	31.6	59.32	124.38
Pa.	1,229.4	1,384.1	1,507.8	56.7	64.2	73.0	72.0	105.8	135.9	58.55	90.11
R.I.	82.5	96.3	94.5	50.5	58.4	59.6	4.9	8.1	9.0	59.37	95.57
S.C.	404.9	384.8	403.0	67.4	67.7	68.1	10.3	16.7	21.7	25.27	53.88
S. Dak.	45.9	55.0	58.2	28.9	36.9	37.7	5.5	7.8	9.5	119.11	178.53
Tenn.	411.0	496.5	521.3	49.2	60.7	63.1	18.0	28.4	36.6	43.69	70.11
Tex.	535.0	694.7	734.9	22.0	27.6	28.8	29.4	42.8	64.7	55.01	88.01
Utah	90.4	93.3	102.8	31.4	33.7	35.6	4.0	6.4	9.2	44.49	89.62
Vt.	56.7	71.6	73.4	58.0	72.0	74.9	3.9	5.8	7.5	67.99	102.24
Va.	618.9	731.6	736.2	62.2	73.5	72.3	23.7	44.6	58.4	38.24	79.35
Wash.	368.2	380.8	373.1	48.1	52.1	51.6	26.2	35.8	53.9	71.28	144.39
W. Va.	257.4	252.0	284.6	69.2	75.3	77.7	15.1	21.8	30.0	58.76	105.29
Wis.	436.0	512.8	462.7	49.5	58.5	59.0	41.2	49.3	60.0	94.49	129.72
Wyo.	28.0	29.8	30.0	34.4	37.2	36.5	3.8	4.4	7.6	134.33	254.13

NA. Not available. ¹ Totals are for States reporting; therefore, cost data not comparable to those of the States. ² 1967-68 school year. * Includes private school pupils.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial, and *Statistics on School Transportation, 1975-76*, prepared by The National Association, State Director of Pupil Transportation Services.

NO. 253. SCHOOL DAYS LOST ASSOCIATED WITH ACUTE AILMENTS: 1975 AND 1977
 [Children 6-16 years of age. Based on a sample of the civilian noninstitutional population; see Appendix III]

CONDITION	TOTAL DAYS LOST (mil.)						DAYS LOST PER 100 CHILDREN PER YEAR					
	1975			1977			1975			1977		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All acute conditions-----	193	97	96	206	104	102	451	447	456	493	487	499
Infective and parasitic diseases-----	35	19	16	43	23	20	81	86	77	103	107	99
Respiratory conditions-----	112	52	60	111	53	58	261	239	284	265	247	284
Upper respiratory-----	52	25	27	56	25	30	121	113	130	133	119	147
Influenza and other-----	60	27	32	55	27	28	140	126	154	133	128	138
Digestive system conditions-----	9	4	4	10	5	5	21	20	21	24	24	25
Injuries-----	22	14	8	18	12	6	52	67	36	42	56	27
All other acute conditions-----	15	7	8	24	11	13	36	34	38	58	53	64

Source: U.S. National Center for Health Statistics, series 10, Nos. 114 and 125, *Acute Conditions, Incidence and Associated Disability*; and unpublished data.

NO. 254. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY FOR SELECTED CITIES: 1970 AND 1978

CITY	ENROLLMENT ¹ (1,000)		TOTAL EXPENDITURES ² (mil. dol.)		CURRENT EXPENDITURE PER PUPIL IN ADA ³		PUPIL-TEACHER RATIO ¹		AVG. SALARY, CLASSROOM TEACHERS	
	1970	1978	1970	1978	1970	1978	1970	1978	1970	1978
Baltimore, Md.	193	152	187	310	\$802	\$2,223	19.6	18.6	\$8,998	\$15,328
Boston, Mass.	98	2,77	84	261	768	3,848	22.5	18.6	9,300	24,13,032
Chicago, Ill.	562	511	588	1,285	972	2,594	24.4	22.1	10,400	17,527
Cleveland, Ohio	151	115	152	292	880	2,555	23.4	22.8	9,220	14,873
Dallas, Tex.	160	135	111	259	570	1,786	27.0	20.9	7,800	14,442
Detroit, Mich.	283	238	206	459	722	1,948	29.2	26.9	7,416	19,390
Houston, Tex.	237	207	151	378	535	1,412	26.8	22.5	7,837	13,500
Indianapolis, Ind.	8 103	78	9 90	117	9 847	1,584	24.9	20.2	9 10,019	14,060
Los Angeles, Calif.	654	2,587	626	1,335	775	1,943	21.6	20.1	10,350	18,530
Memphis, Tenn.	8 147	116	9 128	150	697	1,414	28.7	20.4	8,750	12,827
Milwaukee, Wis.	132	101	122	227	940	10 2,352	26.2	20.0	9,394	11,20,202
New Orleans, La.	112	91	81	139	676	1,647	27.0	20.8	7,700	13,102
New York, N.Y.	1,123	21,046	1,595	2,522	1,300	2,707	18.5	20.5	9,800	20,150
Philadelphia, Pa.	294	254	383	575	1,144	2,377	24.6	18.5	10,000	18,771
Phoenix, Ariz.	8 174	184	9 148	281	846	1,326	23.2	22.8	9 10,136	14,185
St. Louis, Mo.	113	78	89	144	936	2,008	28.5	22.3	9,878	13,650
San Antonio, Tex.	8 75	64	9 67	98	9 711	1,274	28.2	20.6	8,090	13,320
San Diego, Calif.	8 129	119	9 126	270	9 918	1,743	23.2	22.2	12,300	17,857
San Francisco, Calif.	92	65	123	176	1,107	2,143	19.2	16.8	10,900	18,360
Washington, D.C.	149	120	196	293	13 920	2,368	20.1	19.9	10,660	18,000

¹ As of fall of preceding year. Includes nursery schools and kindergartens operated as part of the regular public school system. ² Estimated. ³ ADA=Average daily attendance. ⁴ School year 1974-1975 data. ⁵ Fall 1968 data. ⁶ School year 1967-68 data. ⁷ School year 1966-67 data. ⁸ Fall 1971 data. ⁹ School year 1971-72 data. ¹⁰ School year 1976-77 data. ¹¹ Includes fringe benefit payments. ¹² Includes nonteaching personnel. ¹³ School year 1968-69 data.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, annual.

NO. 255. PUBLIC SCHOOL BONDS—ELECTIONS AND SALES: 1966 TO 1977

[For years ending June 30. Covers bonds for financing construction of public elementary and secondary school facilities]

ITEM	1966	1968	1970	1972	1973	1974	1975	1976	1977
Number of bond issues:									
Proposed-----	1,745	1,750	1,216	1,153	1,273	1,386	929	770	858
Approved-----	1,265	1,183	647	542	719	779	430	391	477
Percent of proposed-----	72.5	67.6	53.2	47.0	56.5	56.2	46.3	50.8	55.6
Par value of bond issues:									
Proposed-----mil. dol.	3,560	3,740	3,285	3,102	3,988	4,137	2,551	2,104	2,400
Approved-----mil. dol.	2,652	2,338	1,627	1,305	2,256	2,193	1,174	970	1,296
Percent of proposed-----	74.5	62.5	49.5	44.0	56.6	58.0	46.0	46.1	54.0
Bond sales, all agencies-----no.	1,941	1,722	1,309	1,547	1,336	1,284	1,060	1,093	1,173
Sales, all agencies-----mil. dol.	2,883	2,917	2,813	3,368	2,905	3,579	3,688	4,611	
Avg. net interest-----percent..	3.67	4.57	6.39	5.01	4.91	5.35	6.27	6.25	5.33

Source: U.S. National Center for Education Statistics, *Bond Sales for Public School Purposes*, annual.

No. 256. PUBLIC SCHOOL EXPENDITURES, 1975 TO 1978, AND PERSONAL INCOME, 1978, BY STATES

[School data for years ending June 30]

STATE	Total expenditures, 1975 (mil. dol.)	Total expenditures, 1977 ¹ (mil. dol.)	Total ² (mil. dol.)	EXPENDITURES, 1978 ¹				Capital outlay (mil. dol.)	PER CAPITA SCHOOL EXPENDITURES ⁴			PER CAPITA PERSONAL INCOME, ⁵ 1978 ⁶		
				Current expenditures		Average per pupil in ADA ³	Rank		1975	1977	1978	Total	Rank	
				Elem. and secondary (mil. dol.)	Total				1975	1977	1978	Total	Rank	
U.S. ⁶	64,846	74,801	81,097	69,894	\$1,739	(x)		6,423	\$307	\$348	\$375	\$7,810	(x)	
Ala.	753	912	1,016	918	1,281	44	83	211	249	275	6,247	47		
Alaska	220	309	339	277	3,341	1	42	640	809	821	10,851	1		
Ariz.	714	788	781	671	1,436	34	83	331	347	339	7,374	30		
Ark.	448	518	592	520	1,193	48	57	217	246	275	6,183	49		
Calif.	6,921	8,115	8,478	7,073	1,674	20	614	331	377	387	8,850	5		
Colo.	756	971	1,187	864	1,649	21	222	302	376	452	8,001	15		
Conn.	988	1,100	1,650	1,070	1,914	16	80	320	382	531	8,914	4		
Del.	209	233	247	231	2,138	4	5	363	400	424	8,604	8		
D.C.	238	246	293	259	2,368	(x)	18	329	350	428	10,022	(x)		
Fla.	2,180	2,341	2,678	2,215	1,594	22	411	269	278	316	7,505	27		
Ga.	1,223	1,284	1,336	1,198	1,189	49	75	250	258	265	6,700	37		
Hawaii	256	311	359	310	1,963	12	38	299	351	403	8,380	11		
Idaho	224	289	260	225	1,206	47	28	282	348	304	6,813	36		
Ill.	3,635	4,616	4,910	3,922	2,058	8	727	325	411	437	8,745	7		
Ind.	1,414	1,676	1,847	1,484	1,449	33	280	266	316	345	7,696	23		
Iowa	824	1,054	1,245	1,115	2,002	10	107	290	367	431	7,873	17		
Kans.	609	708	824	696	1,682	19	71	268	306	355	8,001	15		
Ky.	649	810	900	827	1,294	43	43	194	236	260	6,615	40		
La.	963	1,064	1,242	1,130	1,481	30	79	256	277	316	6,640	38		
Maine	272	398	355	340	1,522	28	2	260	316	327	6,333	46		
Md.	1,506	1,486	1,765	1,592	2,100	6	129	367	350	427	8,306	12		
Mass.	1,968	2,313	2,488	2,240	2,137	5	125	339	398	427	8,063	14		
Mich.	3,333	3,859	4,263	3,685	1,975	11	320	367	424	466	8,442	10		
Minn.	1,494	1,793	1,898	1,565	1,962	13	167	383	452	477	7,847	18		
Miss.	458	549	618	575	1,220	45	35	197	233	259	5,736	50		
Mo.	1,146	1,247	1,323	1,184	1,425	35	90	240	261	274	7,342	31		
Mont.	243	301	332	296	1,906	17	22	331	400	433	7,051	33		
Nebr.	404	477	457	435	1,526	7	26	9	262	307	294	7,391	29	
Nev.	182	213	229	199	1,526	7	26	19	317	349	359	9,032	3	
N.H.	228	223	237	218	1,366	38	13	283	271	279	7,277	32		
N.J.	2,680	2,987	3,102	2,900	2,833	3	70	363	403	423	8,818	6		
N.Mex.	346	449	464	395	1,476	31	54	309	334	388	6,505	43		
N.Y.	7,397	7,824	8,018	7,221	2,527	2	347	409	433	447	8,267	13		
N.C.	1,343	1,739	1,849	1,466	1,343	41	175	250	318	335	6,607	41		
N.Dak.	161	191	202	182	1,518	29	16	254	297	311	7,478	28		
Ohio	2,942	3,363	3,446	3,161	1,581	23	180	274	315	322	7,812	20		
Oklahoma	647	792	901	815	1,461	32	66	241	286	320	6,951	34		
Oreg.	768	792	948	830	1,929	15	100	341	340	397	7,839	19		
Pa.	3,770	4,526	4,859	4,085	2,079	7	310	319	382	412	7,733	21		
R.I.	260	293	320	282	1,840	18	16	276	316	342	7,526	26		
S.C.	689	783	906	772	1,340	42	67	245	275	315	6,242	48		
S.Dak.	177	210	221	189	1,385	36	28	260	306	321	6,841	35		
Tenn.	658	1,149	1,150	993	1,209	46	98	232	273	268	6,489	44		
Tex.	3,219	3,502	4,039	3,492	1,352	40	380	268	280	315	7,697	22		
Utah	362	485	530	404	1,363	39	99	308	395	417	6,622	39		
Vt.	148	166	170	153	1,550	25	8	316	349	353	6,541	42		
Va.	1,413	1,661	1,813	1,583	1,580	24	156	287	330	356	7,624	24		
Wash.	1,120	1,339	1,527	1,408	1,951	14	72	320	371	415	8,450	9		
W. Va.	448	562	593	501	1,374	37	73	251	309	320	6,456	45		
Wis.	1,410	1,601	(NA)	(NA)	(NA)	(x)	(NA)	309	347	(NA)	7,597	25		
Wyo.	147	190	203	173	2,007	9	23	407	487	500	9,096	2		

NA. Not available. X. Not applicable. ¹ Estimated. ² Includes interest on school debt and expenditures for summer schools, adult education, community services, and community colleges and technical institutes under the jurisdiction of local boards of education, not shown separately. ³ Average daily attendance.

⁴ Based on estimated resident population as of July 1, 1974, July 1, 1976, and July 1, 1977, from U.S. Bureau of the Census, *Current Population Reports*, series P-25. ⁵ Preliminary. Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, April 1979. ⁶ Total includes estimates for nonreporting States.

⁷ In order to have the lowest rank equal to the number of States presented, the number 27 is omitted. Nevada and Nebraska share the same rank, 26.

Source: Except as noted, U.S. National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education*, annual, and *Statistics of Public Elementary and Secondary Day Schools*, annual.

NO. 257. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—REVENUE AND EXPENDITURES: 1960 TO 1977

[For years ending June 30. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 487-501]

TYPE OF REVENUE AND EXPENDITURE	TOTAL (bil. dol.)								PERCENT				
	1960	1966	1970	1973	1974	1975	1976	1977	1960	1966	1970	1976	1977
Revenue, total.....	14.7	25.4	40.3	52.1	58.2	64.4	70.8	75.3	100.0	100.0	100.0	100.0	100.0
Federal sources.....	.7	2.0	3.2	4.5	4.9	5.8	6.2	6.6	4.4	7.9	8.0	8.8	8.8
State sources.....	5.8	9.9	16.1	20.8	24.1	27.2	31.1	32.7	39.1	39.1	39.9	43.9	43.4
Other sources ¹	8.3	13.4	21.0	26.7	29.2	31.4	33.5	36.0	56.5	53.0	52.1	47.4	47.8
Expenditures, total.....	15.6	26.2	40.7	51.9	57.0	64.8	70.8	75.0	100.0	100.0	100.0	100.0	100.0
Current.....	12.5	21.7	34.9	46.2	50.5	57.4	63.0	67.7	79.8	82.7	85.7	89.0	90.3
Day schools.....	12.3	21.1	34.2	45.4	50.0	56.7	62.3	66.9	79.0	80.2	84.1	87.9	89.2
Administration.....	.5	.9	1.6	2.0	2.3	2.7	3.2	3.3	3.4	3.6	3.9	4.5	4.4
Instruction ²	8.4	14.4	23.3	30.1	32.6	36.5	39.6	41.9	53.5	55.0	57.2	55.9	55.9
Plant operation and maintenance.....	1.5	2.4	3.5	4.7	5.3	6.1	6.6	7.3	9.6	9.1	8.6	9.3	9.7
Fixed charges.....	.9	1.7	3.3	4.8	5.6	6.3	7.3	8.1	5.8	6.5	8.0	10.3	10.8
Other services.....	1.0	1.6	2.6	3.8	4.2	5.1	5.6	6.3	6.6	6.0	6.3	7.9	8.4
Other current ³.....	.1	.6	.6	.8	4.5	4.7	4.8	4.8	.9	2.5	1.6	1.1	1.1
Capital outlay.....	5.2	3.8	4.7	4.1	5.0	5.7	5.9	5.3	17.0	14.3	11.5	8.4	7.1
Interest.....	.5	.8	1.2	1.5	1.5	1.7	1.9	2.0	3.1	3.0	2.9	2.7	2.7

¹ Intermediate and local. Intermediate sources are administrative units or political subdivisions located between school districts and the State. Includes receipts from gifts and tuition, and transportation fees paid by patrons.

² Includes salaries of clerical assistants, free textbooks, school library books, and supplies.

³ Comprises current expenditures for summer schools, adult education, community colleges, and community services. ⁴ Excludes current expenditures for adult education and community colleges.

⁵ Excludes capital outlay by State and local schoolhousing authority.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and *Revenues and Expenditures for Public Elementary and Secondary Education*, annual.

NO. 258. PUBLIC HIGH SCHOOL GRADUATES—STATES AND OTHER AREAS: 1974 TO 1977

[In thousands. Excludes graduates of subcollegiate departments of higher education, Federal schools for Indians, Federal schools on Federal installations, and residential schools for exceptional children. See Appendix III]

STATE	1974	1975	1976	1977	STATE OR OTHER AREA	1974	1975	1976	1977
U.S. ¹	2,763.3	2,822.6	2,837.0	2,836.7	Nevada.....	7.0	7.2	7.6	8.0
Alabama.....	45.5	46.6	46.7	46.8	New Hampshire.....	9.9	11.1	10.7	11.5
Alaska.....	4.2	4.2	4.2	4.5	New Jersey.....	93.9	2 96.0	2 98.0	97.5
Arizona.....	24.9	25.7	26.0	27.2	New Mexico.....	17.4	18.4	17.8	18.0
Arkansas.....	24.4	26.8	27.0	27.6	New York.....	207.4	210.8	214.2	215.1
California.....	268.5	273.4	272.5	266.1	North Carolina.....	69.1	70.1	70.5	71.1
Colorado.....	34.4	35.0	35.6	36.6	North Dakota.....	10.8	10.7	10.8	10.8
Connecticut.....	39.2	2 42.8	40.6	39.5	Ohio.....	153.9	158.2	157.6	156.2
Delaware.....	8.2	8.2	8.2	8.2	Oklahoma.....	36.8	37.8	37.7	38.6
Dist. of Col.....	5.5	5.4	5.1	5.3	Oregon.....	30.8	30.7	30.6	30.3
Florida.....	74.8	86.5	89.4	88.1	Pennsylvania.....	159.9	163.1	163.7	160.6
Georgia.....	58.0	59.8	61.1	62.2	Rhode Island.....	11.1	11.0	10.8	10.8
Hawaii.....	11.4	11.3	11.3	11.6	South Carolina.....	38.8	38.3	38.1	37.8
Idaho.....	12.8	12.6	11.9	13.0	South Dakota.....	11.9	11.7	11.3	11.3
Illinois.....	139.1	2 141.3	146.6	142.0	Tennessee.....	49.6	49.4	50.1	49.3
Indiana.....	73.4	74.1	77.7	76.4	Texas.....	157.0	159.5	159.9	163.6
Iowa.....	43.5	43.0	2 42.3	43.7	Utah.....	18.9	19.7	19.7	19.8
Kansas.....	33.4	32.5	32.2	33.2	Vermont.....	6.3	6.5	6.6	6.7
Kentucky.....	41.4	42.4	2 41.8	41.8	Virginia.....	63.8	65.6	66.1	66.7
Louisiana.....	46.8	47.7	47.4	48.2	Washington.....	51.9	51.0	51.0	50.9
Maine.....	14.5	14.8	15.2	15.2	West Virginia.....	25.4	24.6	24.9	24.7
Maryland.....	54.1	55.4	56.1	55.5	Wisconsin.....	69.3	71.0	70.4	72.4
Massachusetts.....	78.0	2 79.0	81.3	75.4	Wyoming.....	5.8	5.6	5.8	5.9
Michigan.....	134.3	135.5	130.9	135.2	Other areas:				
Minnesota.....	64.0	66.5	66.4	68.2	Puerto Rico.....	(NA)	27.1	25.8	(NA)
Mississippi.....	25.7	27.2	27.6	27.6	Am. Samoa.....	.4	.4	.4	.4
Missouri.....	62.2	62.4	63.0	64.5	Canal Zone.....	.7	.7	.7	.6
Montana.....	12.1	12.3	12.1	12.3	Guam.....	1.0	1.1	1.2	(NA)
Nebraska.....	22.3	22.2	22.2	23.1	Virgin Islands.....	.6	.6	.7	.8

NA. Not available. ¹ Includes estimates for nonreporting States. ² Estimated.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, annual.

NO. 259. HIGH SCHOOL AND COLLEGE GRADUATES, BY SEX, AND BY CONTROL OF HIGH SCHOOL: 1950 TO 1977

[In thousands, except percent. Prior to 1960, excludes Alaska and Hawaii. See also table 281; Appendix III; and *Historical Statistics, Colonial Times to 1970*, series H 598-601 and H 752-756]

YEAR OF GRADUATION	HIGH SCHOOL GRADUATES					COLLEGE GRADUATES ¹				
	Total		Sex		Control	Bachelor's degrees ²			Master's and doctor's degrees ³	
	Number	Percent of persons 18 years old (Oct.)	Male	Female	Publ. Private, est.	Total	Per 100 high school graduates 4 yrs. earlier	Male	Female	Master's and doctor's degrees ³
1950	1,200	60.0	571	629	(NA) (NA)	432	40	329	103	65
1955	1,351	62.5	648	703	1,208 143	286	24	183	103	67
1960	1,864	70.0	898	966	1,633 231	392	28	254	138	84
1965	2,665	73.9	1,314	1,351	2,366 298	501	25	289	213	162
1970	2,896	75.6	1,433	1,463	2,596 300	792	30	450	341	274
1971	2,944	75.0	1,457	1,487	2,644 300	840	31	476	364	301
1972	3,008	75.1	1,490	1,518	2,706 302	887	33	501	387	328
1973	3,043	74.6	1,503	1,540	2,737 306	922	33	518	404	348
1974	3,081	73.9	1,515	1,566	2,771 310	946	33	527	418	365
1975	3,140	74.4	1,545	1,595	2,830 310	923	31	505	418	382
1976	3,154	74.3	1,554	1,600	2,844 310	926	31	504	421	408
1977	3,154	73.7	1,548	1,606	2,844 310	920	30	496	424	415

NA Not available. ¹ Data cover public and private institutions. ² Through 1960, bachelor's or first professional degree; thereafter, bachelor's degree only. ³ Beginning 1965, includes first professional degrees.

Source: U.S. National Center for Education Statistics, *Earned Degrees Conferred*, annual; *Digest of Education Statistics*, annual; and *Projections of Education Statistics to 1986-87*.

NO. 260. HIGH SCHOOL GRADUATES AND COLLEGE ENROLLMENT OF PERSONS 20-24 YEARS OLD, BY SEX AND RACE: 1960 TO 1978

[In thousands, except percent. As of October. Covers civilian noninstitutional population]

YEAR	ALL PERSONS			MALE			FEMALE		
	Total ¹	White	Black	Total ¹	White	Black	Total ¹	White	Black
High school graduates, 1960	6,867	6,313	² 552	3,269	3,028	² 239	3,598	3,285	² 313
1970	12,663	11,389	1,189	5,760	5,181	503	6,913	6,176	657
1975	15,410	13,605	7,440	6,628	6,282	680	7,971	6,977	866
1977	16,061	14,031	1,698	7,703	6,792	753	8,359	7,239	946
1978	16,318	14,235	1,754	7,842	6,955	725	8,476	7,281	1,030
College enrollment, 1960	1,233	1,153	² 80	823	780	² 42	410	373	² 37
1970	3,211	2,944	225	1,985	1,845	119	1,226	1,099	107
1975	3,902	3,503	405	2,267	2,043	183	1,726	1,460	222
1977	4,229	3,630	452	2,316	2,014	219	1,914	1,616	234
1978	4,096	3,524	424	2,230	1,956	191	1,866	1,568	235
Percent of high school grads., 1960	18.0	18.3	² 14.5	25.2	25.8	² 17.6	11.4	11.4	² 11.8
1970	25.4	25.9	19.4	34.5	35.6	23.7	17.7	17.8	16.3
1975	25.9	25.7	26.3	30.5	30.8	26.9	21.7	20.9	25.9
1977	26.3	25.9	26.6	30.1	29.7	29.1	22.9	22.3	24.7
1978	25.1	24.8	24.2	28.4	28.1	26.3	22.0	21.5	22.8

¹ Includes other races, not shown separately. ² Includes races other than White.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. I, *Characteristics of the Population*, part 1; *Current Population Reports*, series P-20, Nos. 222, 319, and 333; and unpublished data.

NO. 261. COLLEGE ENROLLMENT OF PERSONS 14-34 YEARS OLD, BY SEX AND RACE: 1960 TO 1978

[In thousands, except percent. As of October. Covers civilian noninstitutional population. Degree-credit enrollment only]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	PERCENT		
											1960	1970	1978
Total ¹	3,570	5,675	7,413	8,313	8,179	8,827	9,697	9,950	10,217	9,838	100.0	100.0	100.0
Male	2,339	3,503	4,401	4,853	4,677	4,926	5,342	5,296	5,369	5,124	65.5	59.4	52.1
Female	1,231	2,172	3,013	3,460	3,502	3,901	4,355	4,654	4,848	4,714	34.5	40.6	47.9
White	3,342	5,317	6,759	7,458	7,324	7,781	8,516	8,644	8,812	8,514	93.6	91.2	86.5
Male	2,214	3,326	4,066	4,397	4,218	4,367	4,774	4,658	4,717	4,508	62.0	54.8	45.8
Female	1,128	1,991	2,693	3,061	3,105	3,413	3,743	3,986	4,095	4,006	31.6	36.3	40.7
Black	227	274	522	727	684	814	948	1,062	1,103	1,020	2.6.4	7.0	10.4
Male	212	126	253	384	358	422	442	489	490	452	2.3.5	3.4	4.6
Female	102	148	269	343	326	392	506	573	614	569	2.9	3.6	5.8

¹ Includes other races, not shown separately. ² Includes races other than White.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 110, 204, 321, and 335.

**NO. 262. SCHOOL RETENTION RATES—FIFTH GRADE THROUGH COLLEGE ENTRANCE:
1942–1950 TO 1969–1977**

[Prior to 1962, excludes Alaska and Hawaii. Rates for the 5th grade through high school graduation are based on enrollments in successive grades in public elementary and secondary schools, and are adjusted to include estimates for nonpublic schools. See also *Historical Statistics, Colonial Times to 1970*, series H 587–597]

YEAR OF ENTRANCE INTO 5TH GRADE	RETENTION PER 1,000 PUPILS WHO ENTERED 5TH GRADE								High school grad- uates	Year of high school grad- uation	First- time college students ¹
	5th grade	6th grade	7th grade	8th grade	9th grade	10th grade	11th grade	12th grade			
1942-----	1,000	954	909	847	807	713	604	539	505	1950	205
1944-----	1,000	952	929	858	848	748	650	549	522	1952	234
1946-----	1,000	954	945	919	872	775	641	583	553	1954	283
1948-----	1,000	954	956	929	863	795	706	619	581	1956	301
1950-----	1,000	981	968	921	886	809	709	632	582	1958	308
1952-----	1,000	974	965	936	904	835	746	667	621	1960	328
1954-----	1,000	980	979	948	915	855	759	684	642	1962	343
1956-----	1,000	985	984	948	930	871	790	728	676	1964	362
1958-----	1,000	983	979	961	946	898	842	761	732	1966	384
1960-----	1,000	980	973	967	952	913	858	787	749	1968	452
1962-----	1,000	987	977	967	959	928	860	790	750	1970	461
1964-----	1,000	988	985	976	975	942	865	791	748	1972	433
1965-----	1,000	996	983	980	980	947	874	786	749	1973	433
1966-----	1,000	989	986	985	985	959	871	783	744	1974	448
1967-----	1,000	992	988	984	984	956	870	775	743	1975	452
1968-----	1,000	992	992	991	983	958	869	786	749	1976	(NA)
1969-----	1,000	992	986	986	984	959	876	789	774	1977	(NA)

NA Not available. ¹ Degree credit only.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 263. INSTITUTIONS OF HIGHER EDUCATION—FACULTY AND ENROLLMENT, BY CHARACTERISTICS: 1960 TO 1977

[As of fall. Covers universities, colleges, professional schools, junior and teachers colleges, and normal schools, both publicly and privately controlled, regular session. Includes estimates for institutions not reporting. Except as noted, 2-year branch campuses are not counted separately and are included with 4-year institutions. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 680, H 699–705, and H 710]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
Institutions-----	1,968	2,230	2,556	2,606	2,665	2,720	2,747	2,765	2,785	2,826
4-year-----	1,447	1,551	1,665	1,675	1,701	1,717	1,744	1,767	1,783	1,808
2-year-----	521	679	891	931	964	1,003	998	1,002	1,018	
Resident staff-----	1,000	276	412	573	590	590	634	665	781	793
Instructor or above-----	1,000	236	340	474	492	500	527	567	628	633
Percent full-time-----	65.3	72.9	77.8	77.0	76.0	73.8	71.6	70.1	63.6	68.3
Junior instructional staff-----	1,000	40	72	101	97	90	107	128	153	160
Percent full-time-----	20.0	19.4	13.9	10.3	6.7	12.1	13.3	14.4	17.5	16.9
Total enrollment-----	3,789	5,921	8,581	8,949	9,215	9,602	10,224	11,185	11,012	11,286
Degree credit-----	1,000	3,583	5,526	7,920	8,116	8,265	8,518	9,023	9,731	(NA)
Male-----	1,000	2,257	3,375	4,637	4,717	4,701	4,771	4,969	5,321	5,811
Female-----	1,000	1,326	2,152	3,284	3,399	3,564	3,747	4,055	4,410	5,201
4-year institutions-----	1,000	3,131	4,685	6,290	6,391	6,474	6,597	6,825	7,223	12 7,129
2-year institutions-----	1,000	451	841	1,630	1,725	1,792	1,921	2,198	2,508	12 3,883
Full-time-----	1,000	2,466	3,910	5,489	5,676	5,647	5,683	5,817	6,147	1 6,717
Part-time-----	1,000	1,117	1,616	2,431	2,440	2,618	2,835	3,206	3,584	1 4,493
Public-----	1,000	2,116	3,624	5,800	6,014	6,159	6,389	6,838	7,426	1 8,653
Private-----	1,000	1,467	1,902	2,120	2,102	2,108	2,130	2,185	2,306	1 2,439
Graduate-----	1,000	3,356	697	1,031	1,012	1,066	1,123	1,190	1,263	1 1,085
Undergraduate ⁴ -----	1,000	3,227	4,829	6,889	7,104	7,199	7,395	7,833	8,468	1 9,927
Male-----	1,000	2,004	2,910	4,005	4,102	4,074	4,124	4,306	4,621	1 5,209
Female-----	1,000	1,223	1,919	2,884	3,002	3,125	3,271	3,527	3,847	1 4,719
4-year institutions-----	1,000	2,776	3,988	5,259	5,379	5,407	5,474	5,635	5,960	1 6,045
Full-time-----	1,000	2,077	3,159	4,234	4,358	4,350	4,429	4,619	4,622	1 4,703
Part-time-----	1,000	699	829	1,025	1,021	1,057	1,124	1,206	1,341	1 4,423
2-year institutions-----	1,000	451	841	1,630	1,725	1,792	1,921	2,198	2,508	1 3,883
Public-----	1,000	1,929	3,184	5,076	5,302	5,401	5,589	5,986	6,520	1 7,924
Private-----	1,000	1,298	1,645	1,813	1,802	1,799	1,806	1,847	1,948	1 2,003
1st time enrolled-----	1,000	923	1,442	1,780	1,766	1,740	1,757	1,854	1,910	1 2,347
Nondegree credit-----	1,000	206	395	661	833	950	1,084	1,200	1,453	(NA)

NA Not available. ¹ Total enrollment, degree and nondegree credit. ² Branch campuses classified according to actual status, e.g., 2-year branch included in 2-year category. ³ Includes resident only.

⁴ Includes first-professional enrollment and unclassified students.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 264. JUNIOR (TWO-YEAR) COLLEGES—NUMBER AND ENROLLMENT: 1960 TO 1977

[As of fall. Prior to 1972, excludes two-year branches of universities and other four-year institutions. 1960 covers degree-credit students only. See *Historical Statistics, Colonial Times to 1970*, series H 690-692 and H 705, for related but not comparable data. See also Appendix III.]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
Institutions.....	521	679	892	934	1,104	1,140	1,139	1,128	1,131	1,155
Public.....	315	420	654	697	866	891	897	897	904	920
Private.....	206	259	238	237	238	249	242	231	227	235
Enrollment.....	1,000	1,173	2,223	2,486	2,756	3,010	3,404	3,970	3,883	4,043
Public.....	392	1,041	2,102	2,386	2,641	2,890	3,286	3,836	3,752	3,902
Private.....	1,000	59	132	121	120	115	120	119	134	141
Male.....	1,000	282	734	1,317	1,449	1,544	1,651	1,832	2,165	1,980
Female.....	1,000	169	439	906	1,087	1,212	1,359	1,572	1,805	1,903
										2,078

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 265. ENROLLMENT IN INSTITUTIONS OF HIGHER EDUCATION, BY SPECIFIED MINORITY GROUPS, 1968 TO 1978, AND BY GEOGRAPHIC DIVISION, 1978

[Enrollment in thousands, except percent. As of fall. Prior to 1976, excludes Alaska and Hawaii. Covers full-time undergraduate students in 2-year and 4-year institutions taking credits equal to at least 75 percent of a normal load. Excludes federally controlled institutions. For composition of divisions, see fig. I, inside front cover]

YEAR AND GEOGRAPHIC DIVISION	Number of institutions	Total enrollment	BLACK ENROLLMENT		ENROLLMENT OF OTHER MINORITY GROUPS				
			Number	Percent	Total	Percent	American Indian	Asian American	Spanish- surnamed American
1968, total.....	2,054	4,820	287	6.0	169	3.5	29	48	91
1970, total.....	2,516	4,966	345	6.9	181	3.7	27	52	103
1972, total.....	2,665	5,531	459	8.3	219	4.0	32	57	130
1974, total.....	2,808	5,639	508	9.0	255	4.5	33	64	158
1976, total.....	2,821	5,755	605	10.5	331	5.8	38	102	191
1978, total.....	2,897	5,664	601	10.6	346	6.1	36	114	196
New England.....	236	395	15	3.9	10	2.7	1	4	5
Middle Atlantic.....	473	941	98	10.4	57	6.1	3	14	39
East North Central.....	467	1,016	99	9.7	24	2.4	4	8	13
West North Central.....	298	478	18	3.8	10	2.2	4	3	3
South Atlantic.....	494	832	158	19.0	24	2.8	3	6	15
East South Central.....	216	361	77	21.3	3	.8	1	1	1
West South Central.....	244	553	72	13.0	51	9.3	5	4	43
Mountain.....	120	306	7	2.2	29	9.6	6	4	20
Pacific.....	340	782	57	7.3	137	17.5	10	70	57

Source: U.S. Office for Civil Rights, *Undergraduate Enrollment by Ethnic Group in Federally Funded Institutions of Higher Education, Fall 1968* and, beginning 1970, *Racial and Ethnic Enrollment Data From Institutions of Higher Education*, biennial.

NO. 266. FOREIGN STUDENT ENROLLMENT IN INSTITUTIONS OF HIGHER EDUCATION, BY REGION OF ORIGIN, 1975 TO 1978, AND BY FIELD OF STUDY, 1976

[Covers nonimmigrant students only]

REGION OF ORIGIN	ENROLLMENT (1,000)				REGION OF ORIGIN	1976, PERCENT ENROLLED IN—		
	1975	1976	1977	1978		Engineering	Science ¹	Business
All regions.....	2 154.6	179.3	203.1	235.5	All regions.....	21	11	14
Africa.....	18.4	25.3	25.9	29.6	Africa.....	14	14	18
Asia ³	82.4	97.1	108.5	131.0	Asia ³	26	12	14
Taiwan.....	10.3	11.3	12.1	13.7	Taiwan.....	26	27	8
Hong Kong.....	11.1	11.9	11.0	12.1	Hong Kong.....	19	15	21
India.....	9.7	9.6	9.4	9.1	India.....	35	17	15
Iran.....	13.8	19.9	23.3	36.2	Iran.....	40	8	10
Europe.....	13.7	14.4	16.7	19.3	Europe.....	12	12	13
Latin America ⁴	26.3	29.8	37.2	38.8	Latin America ⁴	18	11	13
North America.....	8.6	9.7	11.4	12.9	North America.....	6	7	9
Canada.....	8.4	9.5	11.1	12.6	Canada.....	6	7	8
Oceania.....	5.2	2.7	3.2	3.8	Oceania.....	4	9	10

¹ Physical and life sciences. ² Distribution by region estimated for 30,416 students whose origin was unknown.

³ Includes countries not shown separately. ⁴ Includes Mexico, Central America, and Caribbean.

Source: Institute of International Education, New York, N.Y., *Open Doors*, annual. (Copyright.)

NO. 267. INSTITUTIONS OF HIGHER EDUCATION—NUMBER AND ENROLLMENT OF TOTAL AND OF FIRST-TIME STUDENTS, BY STATES AND OTHER AREAS: 1970 AND 1977

[Number of institutions for academic year beginning 1977. Opening fall enrollment of resident and extension students attending full-time or part-time. Excludes students taking courses at home for credit, by mail, radio, or TV, and students in branches of U.S. institutions operated in foreign countries. See Appendix III]

STATE OR OTHER AREA	1970		Number of institutions ¹	Total enrollment (1,000)				First-time students (1,000)			
	Total enroll- ment (1,000)	First- time students (1,000)		Total	Male	Female	Public	Private	Total	Male	
									Male	Female	
U.S. ...	8,580.9	2,063.4	2,826	11,285.8	5,789.0	5,496.8	8,847.0	2,438.8	2,394.4	1,155.9	1,238.6
N.E. ...	550.1	141.5	239	699.8	357.8	341.8	360.7	338.8	159.6	76.9	82.7
Maine	34.1	10.0	19	40.2	21.8	18.9	22.6	10.5	8.8	4.6	4.2
N.H. ...	29.4	7.6	24	41.3	22.7	18.5	23.9	17.4	10.2	5.6	4.7
Vt.	22.2	6.0	23	29.5	13.9	15.6	17.4	12.1	6.8	2.9	3.8
Mass.	303.8	76.1	116	375.4	192.1	183.2	183.8	211.5	81.3	38.1	43.2
R.I.	45.9	10.7	12	63.7	32.9	30.8	33.6	30.1	18.2	8.9	9.3
Conn.	124.7	31.1	45	149.7	74.9	74.8	92.4	57.2	34.3	16.8	17.5
M.A. ...	1,433.6	319.5	485	1,727.7	874.8	852.7	1,058.7	668.9	338.0	162.6	175.4
N.Y. ...	806.5	172.1	275	950.9	476.9	473.9	543.6	407.3	171.4	88.2	88.0
N.J. ...	216.1	56.9	60	301.1	148.9	152.2	230.3	70.8	62.5	29.4	33.1
Pa.	411.0	90.5	150	475.7	249.0	226.6	284.8	190.8	104.1	50.7	53.4
E.N.C. ...	1,615.9	388.7	444	2,019.7	1,038.5	981.0	1,625.0	394.5	461.4	225.6	235.9
Ohio	376.3	88.4	105	452.8	234.9	217.8	353.1	99.6	101.2	49.0	52.3
Ind.	192.7	43.3	47	225.0	119.2	105.8	170.6	54.3	48.6	24.7	23.9
Ill.	452.1	114.8	143	616.2	306.8	309.5	467.9	148.3	143.5	68.3	75.2
Mich.	392.7	90.8	91	481.8	248.7	233.0	420.3	61.5	103.0	51.0	52.0
Wis.	202.1	51.4	58	243.9	128.9	114.9	213.1	30.8	65.1	32.6	32.5
W.N.C. ...	685.1	165.8	299	808.7	422.7	386.0	622.4	186.4	178.2	85.6	92.6
Minn.	160.8	36.7	59	188.7	94.6	94.1	148.0	40.6	38.7	17.5	21.1
Iowa	108.9	29.3	57	125.7	67.2	58.5	86.4	39.4	33.7	16.7	17.0
Mo.	183.9	41.3	76	222.3	117.9	104.3	154.5	67.8	37.8	17.8	20.0
N. Dak.	31.5	9.4	13	32.2	17.3	14.9	30.2	2.0	9.6	4.9	4.7
S. Dak.	30.6	7.7	16	31.1	17.3	13.8	22.5	8.6	7.2	3.5	3.6
Nebr.	66.9	15.3	27	81.3	43.9	37.4	67.0	14.3	22.5	11.3	11.2
Kans.	102.5	26.1	51	127.4	64.5	63.0	113.8	13.7	28.7	13.7	15.0
S.A. ...	1,070.6	276.7	456	1,590.8	802.2	788.8	1,266.6	324.4	324.3	155.5	168.8
Del.	25.3	8.8	7	31.0	14.6	16.3	26.2	4.7	7.8	3.4	4.4
Md.	149.6	33.6	48	216.6	102.6	114.0	187.6	29.0	41.4	18.4	23.0
D.C.	77.2	10.4	17	84.0	45.5	38.5	13.3	70.8	9.2	4.2	5.0
Va.	151.9	43.4	68	257.5	122.7	134.9	225.7	31.8	40.9	18.8	22.1
W. Va.	63.2	15.9	26	81.1	41.0	40.2	70.5	10.7	17.6	8.6	9.0
N.C. ...	171.9	57.2	105	257.2	132.3	124.0	203.1	54.1	68.4	33.9	34.6
S.C.	69.5	23.8	48	125.2	66.3	58.9	99.6	25.6	35.2	18.2	17.0
Ga.	126.5	27.6	64	173.7	89.6	84.2	140.0	33.8	32.6	15.9	16.7
Fla.	235.5	56.9	73	364.5	186.7	177.8	300.6	63.9	71.2	34.2	36.9
E.S.C. ...	411.6	98.8	201	580.5	295.0	285.7	481.1	99.6	185.9	62.8	73.1
Ky.	98.6	21.3	38	131.5	66.2	65.3	108.0	23.5	27.1	12.5	14.6
Tenn.	135.1	29.1	66	188.3	97.3	91.1	145.9	42.5	40.9	19.9	21.0
Ala.	103.9	25.5	54	182.3	83.3	79.1	139.8	22.5	40.0	18.0	22.0
Miss.	74.0	22.9	43	98.4	48.2	50.2	87.4	11.1	27.9	12.4	15.5
W.S.C. ...	725.1	170.1	229	1,022.4	537.2	485.2	888.5	138.9	223.7	108.7	115.0
Ark.	52.0	13.5	24	71.3	35.7	35.6	61.3	10.0	17.9	8.4	9.5
La.	120.7	27.2	24	154.0	78.0	76.0	132.0	22.0	34.0	16.4	17.6
Okla.	110.2	27.4	42	149.5	79.6	69.9	127.8	21.7	31.8	15.1	16.6
Tex.	442.2	102.0	139	647.6	343.9	303.7	567.4	80.2	140.0	68.7	71.3
Mt.	452.8	107.9	119	602.2	319.4	283.0	534.8	67.4	138.5	68.9	69.6
Mont.	30.1	7.3	12	31.6	16.6	15.1	28.5	3.1	6.6	3.3	3.3
Idaho	34.6	11.6	9	40.2	20.4	19.8	32.2	8.0	12.1	5.7	6.4
Wyo.	15.2	4.8	8	19.7	9.9	9.9	19.7	—	5.8	2.7	3.1
Colo.	23.4	8.9	35	154.0	81.3	72.6	139.7	14.3	31.4	15.8	15.6
N. Mex.	44.5	9.4	13	55.3	28.6	26.7	51.5	3.8	9.8	4.8	5.0
Ariz.	109.6	25.9	23	181.5	94.7	86.8	176.5	5.0	49.0	24.0	25.0
Utah	81.7	16.6	13	88.5	50.3	38.2	55.5	33.0	20.8	11.2	9.5
Nev.	13.7	3.4	6	31.4	17.6	13.9	31.2	2.2	3.0	1.5	1.5
Pac. ...	1,609.0	383.9	345	2,215.9	1,124.2	1,091.8	1,990.9	225.0	430.3	205.1	225.2
Wash.	183.5	53.3	47	263.0	139.9	123.1	239.5	23.4	23.3	11.3	11.9
Oreg.	122.2	37.7	42	141.2	73.0	68.2	125.0	16.2	36.9	18.2	18.7
Calif.	1,257.2	284.8	239	1,743.2	876.3	866.9	1,562.0	181.2	358.4	169.8	188.6
Alaska	9.5	2.2	6	21.5	9.8	11.7	21.2	4	3.2	1.6	1.7
Hawaii	36.6	10.9	11	47.0	25.2	21.9	43.2	3.8	8.5	4.2	4.3
U.S. mili- tary ²	17.1	4.3	9	18.2	17.4	.8	18.2	—	4.5	4.2	.4
Other ³	68.5	16.8	22	129.2	57.1	72.2	60.6	68.6	37.2	16.3	20.9
P. Rico	63.1	15.5	17	120.0	52.9	67.1	51.3	68.6	35.6	15.6	20.0
Canal Z.	1.2	.6	1	1.4	.6	.7	1.4	—	.2	.1	.1
Guan...	2.7	.6	1	4.3	2.2	2.1	4.3	—	.8	.4	.4
V.I.s	1.4	.2	1	2.1	.7	1.4	2.1	—	.2	(Z)	.1

¹ Represents zero. ² Fewer than 50. ³ Parent institution.

¹ Branch campuses not counted separately; considered part of military academies. ³ Includes American Samoa and Trust Territory.

Source: U.S. National Center for Education Statistics, *Fall Enrollment in Higher Education*, annual.

NO. 268. BLACK INSTITUTIONS OF HIGHER EDUCATION—NUMBER AND ENROLLMENT, BY TYPE: 1963 TO 1976

[As of fall. Covers primarily traditional Black institutions, which were founded principally in the South after the Civil War for the education of Blacks. 1976 data include institutions reporting enrollments which had a Black majority. Number of institutions reporting may vary.]

ENROLLMENT	1963 ¹	1968	1969	1970	1971	1972	1973	1974	1975	1976
Institutions, number	107	103	(NA)	111	115	114	114	120	113	145
Enrollment...1,000	105.5	180.3	188.2	207.9	236.6	246.2	247.7	288.2	282.4	371.6
Public: 2-year....1,000	4.3	23.1	24.3	33.0	49.8	53.7	53.2	88.7	59.0	130.6
4-year....1,000	60.7	99.6	106.9	115.8	124.6	130.3	132.7	137.5	156.0	160.0
Private: 2-year....1,000	1.9	2.3	2.3	2.6	2.6	2.6	2.4	2.2	1.9	11.5
4-year....1,000	38.6	55.3	54.7	56.6	59.6	59.6	59.4	59.8	65.5	69.6

NA Not available.

¹ Enrollment figures represent resident degree-credit students, regular session only.

Source: U.S. National Center for Education Statistics, *Report on Higher Education*, 1971; and *Digest of Education Statistics*, annual.

NO. 269. COLLEGE ENROLLMENT OF DEPENDENT FAMILY MEMBERS, 18 TO 24 YEARS OLD, BY FAMILY INCOME, IN CONSTANT (1967) DOLLARS: 1967 TO 1977

[As of October. Income in constant 1967 dollars. Covers civilian noninstitutional population. Degree credit enrollment. A dependent family member is a relative of the family head, excluding the head's spouse. Such persons are generally sons and daughters of the family head. Based on Current Population Survey; see text, p. 1]

FAMILY INCOME	Approximate 1977 income ¹	ENROLLMENT (1,000)									
		1967	1970	1971	1972	1973	1974	1975	1976	1977	
PERCENT OF POPULATION ENROLLED											
All dependent family members ²	(x)	4,183	4,555	4,765	4,811	4,630	4,611	5,223	5,515	5,454	
With 1976 income of—											
Less than \$5,000	373	509	593	585	491	518	659	685	693		
\$5,000-\$9,999	1,246	1,571	1,567	1,488	1,293	1,308	1,622	1,682	1,632		
\$10,000-\$14,999	875	1,149	1,136	1,186	1,197	1,228	1,272	1,363	1,520		
\$15,000 and over	617	977	1,095	1,173	1,185	1,126	1,172	1,267	1,091		
PERCENT OF POPULATION ENROLLED											
All dependent family members ²	(x)	39.1	39.1	38.9	37.8	36.6	36.2	38.7	38.8	37.9	
With 1976 income of—											
Less than \$5,000	20.0	20.8	22.8	22.6	20.1	20.3	23.5	22.4	22.6		
\$5,000-\$9,999	37.9	36.6	35.4	34.2	31.2	31.7	35.1	36.3	34.4		
\$10,000-\$14,999	51.9	48.4	48.4	44.2	42.7	41.4	45.4	47.5	46.4		
\$15,000 and over	68.3	61.7	61.8	56.9	56.6	57.5	59.6	58.2	59.8		

X Not applicable.

¹ Approximate comparable buying power of 1967 dollars in 1977.

² Includes members with income not reported, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 319, and unpublished data.

NO. 270. HIGHER EDUCATION PRICE INDEXES: 1965 TO 1978

[1967=100. For years ending June 30. Reflects prices paid by colleges and universities. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	Index, total	Aver- age annual percent change	PERSONNEL COMPENSATION			CONTRACTED SERVICES, SUPPLIES, AND EQUIPMENT					
			Total	Profes- sional salaries	Non- profes- sional salaries	Fringe benef- fits	Total	Ser- vices	Sup- plies and mate- rials	Equip- ment	Books and peri- odicals
1965	91	¹ 4.3	89	89	94	78	96	95	96	95	91
1970	121	5.9	124	121	118	146	111	113	106	111	121
1971	129	6.5	131	128	127	162	119	119	110	115	115
1972	136	5.4	138	133	136	180	126	126	113	119	164
1973	143	5.3	146	138	144	198	132	132	116	123	129
1974	153	7.1	155	145	153	222	145	138	132	131	195
1975	166	8.6	166	154	166	241	160	150	164	154	220
1976	177	6.6	176	162	179	267	180	157	172	163	252
1977	189	6.5	187	169	192	295	195	167	181	172	268
1978	201	6.7	199	178	207	324	209	176	188	183	286

¹ Change from 1964.

Source: U.S. National Institute of Education, *Higher Education Prices and Price Indexes*, 1978, with annual supplements.

NO. 271. COLLEGE ENROLLMENT OF THE POPULATION, 14 TO 34 YEARS OLD, BY MAJOR FIELD OF STUDY AND SEX: 1966 TO 1978

[In thousands, except percent. As of October. Covers civilian noninstitutional population. Degree-credit enrollment only. Minus sign (-) denotes decrease. Based on Current Population Survey; see text, p. 1]

MAJOR FIELD OF STUDY	1966, total	1972, total	1974			1978			PERCENT DISTRIBUTION		
			Total	Male	Female	Total	Male	Female	1966	1972	1978
Total enrollment¹	5,999	8,313	8,827	4,926	3,901	9,838	5,124	4,714	100.0	100.0	100.0
Agriculture, forestry	73	97	104	90	14	2,144	282	262	1.2	1.2	1.5
Biological sciences	257	327	193	134	303	155	148	148	3.1	3.1	3.1
Health, medical profession	695	801	286	514	872	303	569	569	8.4	8.4	8.9
Business, commerce	888	1,157	1,376	940	436	1,956	1,138	819	14.8	13.9	19.9
Education	1,118	1,007	1,158	318	841	781	180	601	18.6	12.1	7.9
Engineering	534	357	410	382	28	565	498	66	8.9	4.3	5.7
English, journalism	291	264	109	156	192	68	125	125	3.5	2.0	7.5
Other humanities	455	404	209	194	741	325	416	10.3	5.5	7.5	7.5
Law	(NA)	237	271	208	63	220	150	70	(NA)	2.9	2.2
Mathematics, statistics ²	236	239	168	93	75	142	90	52	3.9	2.9	1.4
Physical sciences	226	157	134	97	36	193	132	61	3.8	1.9	2.0
Social sciences	642	954	771	429	342	763	374	389	10.7	11.5	7.8

NA Not available. ¹ Includes other, not shown separately. ² Includes home economics.

³ Includes computer sciences.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 183, 200, 289, and unpublished data.

NO. 272. MONTHLY SALARY OFFERS TO CANDIDATES FOR DEGREES: 1970 TO 1978

[In dollars. 1970, male only; thereafter, male and female. Data are average beginning salaries based on offers (not acceptances) made by business, industrial, and government employers to graduating students in selected curricula and graduate programs during Sept. to June. Data from representative colleges throughout U.S.]

FIELD OF STUDY	BACHELOR'S				MASTER'S ¹				DOCTOR'S			
	1970	1975	1977	1978	1970	1975	1977	1978	1970	1975	1977	1978
	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools
Accounting	836	981	1,062	1,124	(NA)	(NA)	1,247	1,332	(NA)	(NA)	(NA)	(NA)
Business, general ²	721	843	927	993	1,044	1,250	1,410	1,498	(NA)	(NA)	(NA)	(NA)
Marketing ³	702	801	896	960	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Engineering: Civil	837	1,068	1,185	1,288	960	1,188	1,342	1,463	1,236	1,382	1,625	1,830
Chemical	902	1,196	1,389	1,513	1,036	1,310	1,509	1,629	1,375	1,645	1,882	2,074
Electrical	869	1,081	1,245	1,367	1,015	1,228	1,410	1,557	1,429	1,650	1,811	1,974
Mechanical	867	1,122	1,286	1,404	1,008	1,274	1,438	1,571	1,370	1,624	1,777	2,030
Chemistry	825	956	1,102	1,191	978	1,118	1,321	1,426	1,278	1,503	1,725	1,859
Mathematics	794	915	1,073	1,185	959	1,138	1,285	1,417	1,421	1,523	1,704	1,880
Physics	826	(NA)	(NA)	(NA)	985	1,216	(NA)	(NA)	1,309	1,473	1,698	1,904
Humanities	700	723	810	871	(NA)	931	1,004	1,008	(NA)	(NA)	(NA)	(NA)
Social sciences	770	770	863	893	(NA)	953	1,036	1,102	(NA)	(NA)	(NA)	(NA)

NA Not available. ¹ Data are for candidates with 1 year or less of full-time nonmilitary employment.

² For master's degrees, offers are after nontechnical undergraduate degree. ³ Includes distribution.

Source: College Placement Council, Inc., Bethlehem, Pa., *A Study of Beginning Offers*, annual. (Copyright.)

NO. 273. INSTITUTIONS OF HIGHER EDUCATION—CHARGES: 1965 TO 1979

[In dollars. Estimated. Represents average charges per full-time resident degree-credit student]

ACADEMIC YEAR ENDING AND CONTROL	TUITION AND REQUIRED FEES				BOARD RATES				DORMITORY CHARGES			
	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools
1965: Public	243	99	298	224	436	361	462	402	271	178	291	241
Nonpublic	1,088	1,297	1,023	488	464	515	479	331	289	390	308	308
1970: Public	323	178	427	306	511	465	540	483	370	308	395	347
Nonpublic	1,533	1,034	1,809	1,469	502	547	608	543	436	413	500	409
1975: Public	470	316	597	473	642	640	674	612	505	425	526	494
Nonpublic	2,131	1,341	2,584	2,035	636	650	752	661	569	513	676	531
1977: Public	550	382	692	570	736	748	765	704	588	473	616	580
Nonpublic	2,584	1,620	3,139	2,381	813	770	888	777	681	614	822	617
1978: Public	575	407	741	598	781	807	810	746	626	490	659	615
Nonpublic	2,767	1,758	3,403	2,531	867	831	948	830	729	648	880	661
1979: Public	600	432	789	648	826	863	855	788	664	507	702	650
Nonpublic	2,970	1,896	3,667	2,681	921	892	1,008	883	777	682	938	706

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and *Projections of Education Statistics to 1986-87*.

No. 274. INSTITUTIONS OF HIGHER EDUCATION—MEDIAN ANNUAL SALARIES OF INSTRUCTIONAL FACULTY AND ADMINISTRATIVE OFFICERS: 1960 TO 1978

[For fiscal years ending in year stated. For 4-year colleges and universities. Figures for instructional faculty are for 9 months of full-time teaching; for others, usually for 11 or 12 months of service. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, Series D 913.]

POSITION	MEDIAN ANNUAL SALARIES (\$1,000)								PERCENT CHANGE	
	1960	1964	1968	1970	1972	1974	1976	1978 ¹	1960-1970	1970-1978
Instructional faculty:										
All ranks	6.7	8.2	10.2	11.7	12.9	14.4	16.3	18.7	74.6	59.8
Professors	9.1	11.3	14.7	16.8	18.1	19.9	22.2	24.6	84.6	46.4
Associate professors	7.3	9.0	11.4	13.0	14.0	15.3	17.1	18.9	78.1	45.4
Assistant professors	6.2	7.5	9.5	10.7	11.5	12.6	14.1	15.6	72.6	45.8
Instructors	5.1	6.1	7.5	8.4	9.2	10.2	11.4	12.5	64.7	48.8
Administrative officers:										
President	13.8	17.3	22.3	26.0	29.8	31.3	(NA)	(NA)	88.4	2 20.4
Vice-President	14.2	17.1	21.5	23.3	26.3	27.7	(NA)	(NA)	64.1	2 18.9
Dean of the college	10.7	13.6	16.1	19.1	20.0	22.0	(NA)	(NA)	78.5	2 15.2
Dean of students	8.8	10.7	14.1	16.1	17.8	19.1	(NA)	(NA)	83.0	2 18.6

NA Not available. ¹ Represents only faculty on 9-month contracts; prior years included 9-month equivalents for faculty on 11- or 12-month contract. ² Percent change, 1970-1974.

Source: National Education Association, Washington, D.C., Research Memo 1977-1, *Summary of Salaries Paid in Higher Education*, biennial. (Copyright © 1978 by the National Education Association. All rights reserved.)

No. 275. INSTITUTIONS OF HIGHER EDUCATION—TENURE STATUS OF FULL-TIME FACULTY, BY TYPE OF INSTITUTION AND RANK OF FACULTY: 1977

ITEM	All institutions ¹	TYPE OF INSTITUTION			RANK OF FACULTY					
		Uni-versity	Other 4-yr. schools	2-yr. schools	Profe-sor	Asso-ciate profes-sor	Assist-ant profes-sor	In-structor	Lec-turer	
PUBLIC INSTITUTIONS										
Total faculty	1,000	284,871	89,848	112,863	82,160	64,508	67,620	71,906	24,407	4,727
With tenure	1,000	170,340	56,512	69,273	44,555	60,590	56,321	23,951	2,859	206
Percent		59.8	62.9	61.4	54.2	93.9	83.3	33.3	11.7	4.4
PRIVATE INSTITUTIONS										
Total faculty	1,000	104,162	31,549	67,982	4,631	28,534	26,657	31,216	10,293	928
With tenure	1,000	52,690	18,616	33,058	1,016	25,894	19,282	6,219	272	19
Percent		50.6	59.0	48.6	21.9	90.7	72.3	19.9	2.6	2.0

¹ Includes instructional faculty with no academic rank, not shown separately.

Source: U.S. National Center for Education Statistics, *The Condition of Education*, 1978.

No. 276. MAJOR FEDERAL STUDENT FINANCIAL ASSISTANCE PROGRAMS—TYPE OF PROGRAM, NUMBER OF RECIPIENTS, AND FUNDS UTILIZED: 1970 TO 1980

[For years ending or as of June 30, except as indicated. For information on various programs, see source]

PROGRAM	1970	1974	1975	1976	1977	1978	1979, prel.	1980, proj.
Basic Educational Opportunity Grants:								
Number of recipients	1,000	(NA)	(NA)	177.2	573.4	1,268.0	1,864.0	1,700.0
Funds utilized	mil. dol.	(NA)	(NA)	48	35.4	1,014	1,588	1,440
Avg. grant	dol.	(NA)	(NA)	271	618	800	851	847
Supplemental Educational Opportunity Grants: ¹								
Number of recipients	1,000	258.2	331.5	2,396.0	400.0	2,447.0	499.0	507.1
Funds utilized	mil. dol.	113	186	2,265	268	2,234	244	264
Avg. grant	dol.	440	560	2,670	670	2,523	488	520
National Direct Student Loans:								
Number of recipients	1,000	456.0	635.5	667.1	682.0	799.0	795.1	883.2
Loan funds utilized	mil. dol.	240	404	433	471	551	615	711
Avg. loan	dol.	540	635	650	690	690	773	800
Loans in default	mil. dol.	(NA)	(NA)	(NA)	(NA)	582	702.5	(NA)
Default rate ³	percent	(NA)	(NA)	(NA)	(NA)	16.9	17.4	(NA)
College Work-Study:								
Number of recipients	1,000	4,425	567	570.0	2,575.0	2,973.0	845.3	855.0
Funds utilized	mil. dol.	4,200	288	295	2,300	2,506	469	483
Avg. annual earnings	dol.	4,470	500	520	2,520	2,520	555	564
Guaranteed Student Loans:								
Number of recipients	1,000	787.3	1,088.3	937.5	990.4	1,298.6	972.6	1,025.0
Loan funds utilized	mil. dol.	687	1,199	1,139	1,298	1,828	1,537	1,854
Avg. loan	dol.	872	1,101	1,215	1,311	1,408	1,681	1,808
Loans in default ⁵	mil. dol.	(NA)	(NA)	(NA)	(NA)	(NA)	415	432
Default rate ^{3,5}	percent	(NA)	(NA)	(NA)	(NA)	(NA)	10.5	9.8

NA Not available. ¹ For 1970, data represents Educational Opportunity Grants Program.

² Estimated. ³ Loans in default as a percent cumulative matured loans. ⁴ Calendar year.

⁵ Represents only loans under Federal Insured Student loan program.

Source: U.S. Office of Education, Bureau of Student Financial Assistance, *Program Book*, 1979.

NO. 277. INSTITUTIONS OF HIGHER EDUCATION—FINANCES: 1960 TO 1977

[In millions of dollars. For years ending June 30. For coverage, see headnote, table 263. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 716-738 and H 747-749]

ITEM	1960	1970	1972	1973	1974	1975	1976	1977
Current income								
Educational and general	5,786	21,515	26,234	28,606	31,712	35,687	39,703	43,437
Tuition and fees	4,688	16,486	20,200	22,127	24,628	(X)	(X)	(X)
Percent of current income	20.0	20.5	21.3	21.0	20.5	20.3	20.6	20.8
Federal government	1,037	2,682	3,099	3,393	3,520	4,991	5,414	5,730
State government	1,374	5,788	7,121	7,918	9,182	10,857	12,261	13,286
Local government	152	775	991	1,144	1,263	1,424	1,617	1,627
Endowment earnings	207	447	481	515	577	718	687	765
Private gifts and grants ¹	383	1,001	1,208	1,300	1,431	1,745	1,917	2,105
Related activities ²	379	1,373	1,706	1,846	2,155	2,555	3,645	3,779
Auxiliary enterprises	1,004	2,900	3,809	3,467	3,734	4,080	4,548	4,920
Other current income ³	93	2,129	2,725	3,012	3,350	4,083	4,442	5,201
Plant-fund receipts ⁴	1,309	(NA)	(NA)	(NA)	(NA)	3,311	3,910	3,417
Increase of endowment funds	6419	368	730	852	338	486	950	1,117
Current expenditures								
Educational and general	5,601	21,043	25,560	27,956	30,713	35,058	38,903	42,600
Administration and general expense	4,513	15,789	19,201	21,078	23,257			
Instruction and departmental research ⁷	583	2,628	3,344	3,713	4,201			
Organized research	1,793	7,653	9,503	10,528	11,574			
Plant operation and maintenance	1,022	2,144	2,265	2,394	2,480			
Related activities	470	1,542	1,928	2,141	2,494	(8)	(8)	(8)
Libraries, extension, and public services	341	1,174	1,381	1,510	1,670			
Auxiliary enterprises and activities ⁴	916	4,270	5,118	5,555	6,060			
Scholarships, fellowships, and prizes	172	985	1,241	1,322	1,396			
Gross addition to plant value ⁶	1,192	4,233	4,163	3,967	4,312	4,761	4,702	4,623
Value of plant (grounds, bldgs., equip.)	13,449	42,094	50,153	53,815	58,004	62,183	66,348	70,739
Endowment (book value) ¹⁰	5,445	10,854	11,983	13,000	13,303	13,403	13,952	14,747

NA. Not available. X. Not applicable. ¹ Beginning 1970, private grants represent nongovernmental revenue for sponsored research and other sponsored programs. Beginning 1975, includes private contracts.

² 1960-1974, represents related activities, sales and services of educational departments, and other miscellaneous; beginning 1975, sales and services of educational departments only. ³ Represents sales and services of educational activities only. ⁴ Beginning 1970, includes "major public service programs" previously reported under "educational and general." ⁵ Beginning 1975, annual net increase in plant funds.

⁶ Includes increase in student loan and annuity funds. ⁷ Beginning 1970, includes "other sponsored programs."

⁸ Figures not available on comparable basis with earlier years because of revised reporting. For later data, see table 278. ⁹ Includes expenditures from current funds for plant expansion.

¹⁰ Includes funds functioning as endowment and, for 1960, annuity funds.

Source: U.S. National Center for Education Statistics, 1960, *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education; thereafter, *Digest of Education Statistics*, annual.

NO. 278. INSTITUTIONS OF HIGHER EDUCATION—EXPENDITURES, BY TYPE OF SCHOOL: 1975 TO 1977

[In millions of dollars. For years ending June 30]

PURPOSE	1975			1976			1977		
	Total	Pub-lic	Pri-va-te	Total	Pub-lic	Pri-va-te	Total	Pub-lic	Pri-va-te
Current expenditures¹	35,058	23,490	11,568	38,903	26,184	12,719	42,600	28,635	13,965
Educational and general	27,548	18,092	8,455	30,598	21,283	9,315	33,152	22,997	10,156
Instruction	11,798	8,574	3,224	13,095	9,516	3,579	14,031	10,202	3,829
Research	3,132	2,042	1,090	3,287	2,154	1,133	3,600	2,351	1,249
Institutional support	3,057	1,917	1,140	3,615	2,365	1,250	3,762	2,389	1,372
Plant operation ²	2,787	1,985	852	3,083	2,158	925	3,437	2,409	1,027
Academic support	2,256	1,612	644	2,472	1,765	707	2,795	2,009	786
Libraries	1,002	680	322	1,224	825	399	1,250	844	407
Scholarships and fellowships	1,450	719	731	1,636	799	837	1,770	859	911
Unrestricted funds	632	267	365	687	277	410	749	291	458
Restricted funds	818	452	366	949	522	427	1,021	568	454
Student services	1,439	985	454	1,625	1,115	510	1,828	1,259	570
Public service	1,098	924	174	1,239	1,036	208	1,343	1,112	232
Mandatory transfers	592	386	147	546	375	171	585	406	178
Auxiliary enterprises ¹	4,074	2,537	1,537	4,477	2,828	1,649	4,858	3,087	1,771
Hospitals ¹	2,351	1,369	982	2,696	1,610	1,086	3,155	1,925	1,230
Independent operations ¹	1,087	492	594	1,132	463	669	1,435	625	809

¹ Includes mandatory transfers which are primarily current expenditures for plant. ² Includes maintenance.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

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No. 279. VOLUNTARY FINANCIAL SUPPORT OF HIGHER EDUCATION, BY TYPE OF INSTITUTION, PURPOSE, AND SOURCE: 1965 TO 1978

[For school years ending in years shown; enrollment as of fall of preceding year. Voluntary support, as defined in *Gift Reporting Standards*, excludes income from endowment and other invested funds as well as all support received from Federal, State, and local governments and their agencies]

ITEM	1965	1970	1972	1973	1974	1975	1976	1977	1978
Estimated support, total.....	1,400	1,780	2,020	2,240	2,240	2,160	2,410	2,670	3,040
Foundations.....	402	434	523	524	535	497	549	558	623
Individuals.....	628	822	974	1,136	1,065	1,002	1,157	1,284	1,480
Alumni.....	280	381	481	536	509	486	588	638	714
Non-alumni.....	348	441	493	600	556	516	569	646	766
Business corporations.....	196	269	275	320	354	357	379	446	508
Religious denominations.....	101	102	101	99	116	112	130	136	158
Other.....	73	153	147	161	170	192	195	246	271
Current operations.....	603	951	1,077	1,230	1,300	1,370	1,480	1,620	1,825
Capital purposes.....	797	829	943	1,010	940	790	930	1,050	1,215
Enrollment, higher education.....	1,000	(NA)	8,005	8,949	9,215	9,602	10,224	11,291	11,121
Support per student.....		(NA)	222	226	243	233	211	213	240
In 1967 dollars.....		(NA)	196	183	188	166	137	128	136
Expenditures, higher education.....	bil.	(NA)	24.7	29.2	31.4	34.3	38.9	42.7	45.5
Expenditures per student.....	dol.	(NA)	3,090	3,260	3,410	3,570	3,805	3,780	4,090
In 1967 dollars.....	dol.	(NA)	2,730	2,640	2,640	2,540	2,460	2,280	2,325
Institutions reporting support.....	number	1,064	1,045	1,093	1,020	988	986	991	1,006
Total support reported.....	mil. dol.	1,245	1,472	1,647	1,751	1,747	1,675	1,891	2,139
Percent of estimated support.....		89	88	82	78	78	78	78	77
Average per institution.....	\$1,000	1,170	1,409	1,507	1,717	1,768	1,698	1,908	2,126
Private 4-yr. institutions.....	mil. dol.	1,032	1,154	1,267	1,342	1,342	1,227	1,396	1,559
Public 4-yr. institutions.....	mil. dol.	105	292	356	383	386	431	477	562
Junior colleges.....	mil. dol.	18	26	23	25	19	17	18	23

NA Not available.

Source: Council for Financial Aid to Education, New York, N.Y., *Voluntary Support of Education*, annual.

No. 280. INSTITUTIONS OF HIGHER EDUCATION—VALUE OF PLANT AND CURRENT OPERATIONS EXPENDITURE, STATES AND OTHER AREAS: 1975 AND 1977

[In millions of dollars. For years ending June 30. Value of plant includes grounds, buildings, and equipment]

STATE	VALUE OF PLANT		GROSS ADDITION TO PLANT VALUE ¹		EXPENDITURE, CURRENT OPERATIONS		STATE OR OTHER AREA	VALUE OF PLANT		GROSS ADDITION TO PLANT VALUE ¹		EXPENDITURE, CURRENT OPERATIONS	
	1975	1977	1975	1977	1975	1977		1975	1977	1975	1977	1975	1977
	U.S.	62,183	70,739	4,761	4,623	35,058	42,600	Mont.	206	222	8	10	92	112
Ala.	806	986	83	115	492	642	Nebr.	516	585	67	48	250	324
Alaska	161	155	12	-	71	103	Nev.	91	128	12	20	50	67
Ariz.	586	674	44	54	354	438	N.H.	292	316	10	15	162	194
Ark.	384	473	41	42	206	254	N.J.	1,643	1,811	190	62	765	950
Calif.	5,444	6,249	463	480	4,393	5,729	N. Mex.	304	365	25	34	145	191
Colo.	720	835	63	90	483	589	N.Y.	6,637	7,395	396	343	3,734	4,187
Conn.	1,043	1,118	68	14	506	590	N.C.	1,520	1,773	121	127	967	1,097
Del.	254	282	21	13	96	114	N. Dak.	220	248	9	14	101	130
D.C.	671	712	57	41	460	580	Ohio	2,814	3,202	172	188	1,382	1,638
Fla.	1,360	1,604	121	145	911	1,074	Oklahoma	709	811	75	73	320	440
Ga.	1,154	1,287	90	77	607	714	Oreg.	701	804	46	53	389	502
Hawaii	224	266	28	23	140	152	Pa.	3,529	4,048	207	263	1,872	2,313
Idaho	225	264	15	27	104	134	R.I.	415	438	20	10	192	229
Ill.	3,279	3,710	275	279	1,900	2,406	S.C.	761	848	93	66	390	451
Ind.	1,775	1,899	112	84	823	955	S. Dak.	181	181	6	8	105	116
Iowa	964	1,170	92	85	536	681	Tenn.	1,172	1,333	141	82	620	749
Kans.	637	752	29	56	352	439	Texas	3,032	3,663	342	359	1,575	2,102
Ky.	926	1,056	53	72	413	508	Utah	507	559	47	37	296	369
La.	897	1,116	43	140	426	513	Vt.	240	258	13	7	119	141
Maine	248	268	16	10	134	157	Va.	1,213	1,298	124	61	655	834
Md.	1,144	1,334	134	92	726	888	Wash.	1,342	1,552	79	107	620	730
Mass.	2,440	2,706	134	99	1,467	1,674	W. Va.	693	660	27	25	164	202
Mich.	2,569	2,892	164	156	1,417	1,641	Wis.	1,583	1,783	94	115	839	1,027
Minn.	1,434	1,575	137	96	749	802	Wyo.	119	141	6	12	60	76
Miss.	495	594	37	60	304	386	U.S. acad. ²	664	797	20	38	322	409
Mo.	1,339	1,544	80	98	706	855	Other	241	267	12	12	243	196

¹ Represents zero.

² Includes expenditures from current funds for plant expansion.

² Military academies.

Source: U.S. National Center for Education Statistics, *Financial Statistics of Institutions of Higher Education*, annual.

NO. 281. EARNED DEGREES CONFERRED, BY LEVEL OF DEGREE: 1950 TO 1977

[In thousands, except percent. Includes Puerto Rico; 1965, Guam; and 1970, Virgin Islands. See *Historical Statistics, Colonial Times to 1970*, series II 751-763, for similar data. See also Appendix III]

YEAR	TOTAL		BACHELOR'S ¹		MASTER'S ²		DOCTORATES		PERCENT OF TOTAL		
	Number	Percent male	Male	Female	Male	Female	Male	Female	Bachelor's ¹	Master's ²	Doctorates
1950.....	499	75.6	330	104	41	17	6.0	.6	87.0	11.7	1.3
1955.....	354	65.0	184	104	39	19	8.0	.8	81.1	16.4	2.5
1960.....	479	65.8	266	139	51	24	8.8	1.0	82.4	15.5	2.1
1965.....	668	61.5	320	219	76	36	14.7	1.8	80.7	16.8	2.5
1968.....	872	60.4	393	279	114	63	20.2	2.9	77.0	20.3	2.6
1969.....	990	59.7	447	323	122	73	22.8	3.4	77.7	19.6	2.6
1970.....	1,073	59.6	487	346	126	83	25.9	4.0	77.7	19.5	2.8
1971.....	1,148	59.3	514	370	138	93	27.5	4.6	77.0	20.2	2.8
1972.....	1,224	59.1	545	393	150	103	28.1	5.3	76.6	20.7	2.7
1973.....	1,280	58.7	568	412	155	110	28.6	6.2	76.6	20.7	2.7
1974.....	1,321	58.0	580	429	158	120	27.4	6.5	76.4	21.1	2.6
1975.....	1,316	56.8	558	430	162	132	26.8	7.3	75.1	22.3	2.6
1976.....	1,345	56.2	562	436	168	145	26.3	7.8	74.2	23.3	2.5
1977.....	1,344	55.4	552	441	168	150	25.2	8.1	73.9	23.7	2.5

¹ Includes 1st professional degrees. ² Includes 2d level degrees.

Source: U.S. National Center for Education Statistics, *Earned Degrees Conferred*, annual.

NO. 282. DEGREES CONFERRED IN SELECTED PROFESSIONS: 1950 TO 1977

[First professional degrees for medicine, dentistry, and law. NA=Not available. See Appendix III]

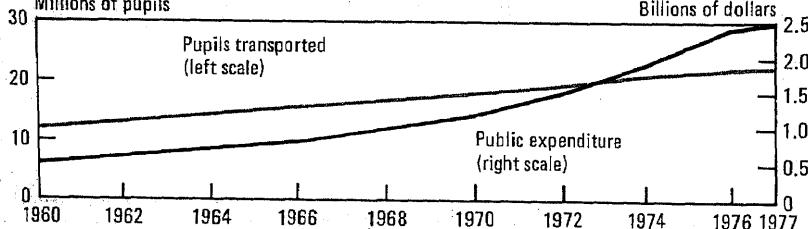
TYPE OF DEGREE	1950	1955	1960	1965	1970	1974	1975	1976	1977
Medicine (M.D.):									
Institutions conferring degrees--	72	72	79	81	86	90	104	107	109
Degrees conferred, total.....	5,612	7,014	7,032	7,304	8,314	11,356	12,447	13,426	13,461
Men.....	5,028	6,683	6,645	6,832	7,615	10,093	10,818	11,252	10,891
Women.....	584	331	387	472	699	1,263	1,029	2,174	2,570
Dentistry (D.D.S. or D.M.D.):									
Institutions conferring degrees--	40	42	45	45	48	52	52	56	57
Degrees conferred, total.....	2,579	3,099	3,247	3,107	3,718	4,440	4,773	5,425	5,138
Men.....	2,561	3,071	3,221	3,085	3,684	4,355	4,627	5,187	4,764
Women.....	18	28	26	22	34	85	146	238	374
Law (L.L.B. or J.D.):									
Institutions conferring degrees--	(NA)	128	184	134	145	151	154	166	169
Degrees conferred, total.....	(NA)	8,209	9,240	11,583	14,916	29,326	29,296	32,293	34,104
Men.....	(NA)	7,921	9,010	11,216	14,115	25,986	24,881	26,085	26,447
Women.....	(NA)	288	230	367	801	3,340	4,415	6,208	7,657
Engineering:									
Degrees conferred, total.....	58,066	27,527	45,624	50,664	63,753	68,977	65,308	65,494	68,114
Bachelor's.....	52,668	22,445	37,679	36,485	44,479	50,286	46,852	46,331	49,283
Master's.....	4,904	4,483	7,159	12,055	15,593	16,379	15,348	16,342	16,245
Doctorates.....	494	509	786	2,124	3,681	3,312	3,108	2,821	2,586

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

Figure 5.3

Public Elementary and Secondary Schools—Pupil Transportation: 1960 to 1977

Millions of pupils



Source: See table 251 for source.

No. 283. EARNED DEGREES CONFERRED, BY FIELD OF STUDY, 1972 TO 1977, AND BY LEVEL OF DEGREE AND SEX, 1977
 [Includes Puerto Rico and outlying areas. See Appendix III]

MAJOR FIELD OF STUDY	BACHELOR'S ¹ (1,000)						MASTER'S, 1977		DOCTORATES, 1977	
	1977					Total	Male	Total	Male	Total
	1972	1973	1974	1975	1976					
All fields	894.1	930.3	954.4	931.7	934.4	919.5	495.5	317,164	167,783	33,232
Agriculture	18.6	14.8	16.3	17.6	19.5	21.5	16.7	3,724	3,177	893
Animal science	2.7	2.9	3.1	3.4	3.9	4.1	2.8	429	370	122
Forestry	2.0	2.0	2.3	2.6	2.7	2.7	2.4	445	402	84
All other	8.9	9.9	10.9	11.5	12.9	14.7	11.5	2,850	2,405	687
Architecture	6.5	7.0	7.8	8.2	9.2	9.2	7.2	3,213	2,489	73
Area studies	2.8	3.1	3.2	3.1	3.1	3.0	1.3	989	525	153
Biological sciences	37.6	42.7	48.9	52.2	54.9	53.6	34.2	7,114	4,718	3,397
Biology, general	27.8	31.6	36.6	39.2	40.7	39.5	25.1	3,322	2,183	608
Zoology, general	5.2	5.4	5.8	5.7	5.6	5.0	3.5	521	364	284
All other	4.6	5.7	6.4	7.4	8.6	9.1	5.6	3,271	2,171	2,505
Business and management	123.3	128.2	133.9	135.5	145.0	152.1	116.5	46,545	39,881	869
Business management and administration	32.1	33.3	37.1	39.3	44.5	47.4	37.4	23,938	20,789	472
Business, commerce, general	31.7	30.3	33.0	31.5	30.4	30.2	23.3	9,845	8,442	99
Accounting	25.1	28.3	29.8	31.6	36.4	39.2	29.2	3,278	2,642	53
All other	34.4	36.4	34.1	33.0	33.7	35.4	26.5	9,484	8,008	245
Communications	12.3	14.3	17.1	19.2	21.3	23.2	12.9	3,091	1,719	171
Computer and information sciences	3.4	4.3	4.8	5.0	5.7	6.4	4.9	2,798	2,332	216
Education	192.4	195.6	186.6	168.7	156.5	143.7	39.9	126,375	43,174	7,955
Elementary, general	93.7	90.1	81.0	69.6	60.9	53.0	6.6	21,795	2,915	199
Physical	26.3	27.0	27.8	24.7	24.3	23.3	12.8	4,716	2,824	247
Music	7.1	7.5	7.8	8.1	7.9	7.6	3.2	1,437	692	74
Special education, general	4.1	5.5	6.7	7.8	8.2	8.5	1.0	8,249	1,479	225
Other education fields	61.2	65.6	63.3	58.6	55.2	51.2	16.4	90,178	35,264	7,210
Engineering	51.5	51.6	50.7	47.3	46.7	49.3	47.1	16,245	15,525	2,586
Fine and applied arts	33.9	36.1	40.0	41.1	42.4	41.8	16.2	8,636	4,211	662
Art ²	13.5	15.3	16.4	16.2	16.6	16.3	5.3	2,636	1,199	95
Music ³	6.3	6.8	7.9	8.7	9.1	9.2	4.3	3,147	1,637	402
Dramatic arts	4.5	4.8	5.4	5.5	5.7	5.2	2.2	1,315	664	98
All other	9.6	9.3	10.8	10.7	10.9	11.1	4.4	1,538	711	35
Foreign languages	19.4	19.5	19.5	18.2	15.6	13.9	3.4	3,147	965	752
Health professions	28.9	33.9	41.9	49.5	54.3	57.3	11.9	12,951	4,163	538
Nursing	13.2	15.5	19.4	23.8	26.8	28.4	1.5	3,257	102	24
Pharmacy	4.7	5.1	5.8	6.5	7.0	7.5	5.1	274	202	75
Medical lab. technology	3.4	3.8	4.8	5.1	5.4	5.3	1.0	333	149	3
All other	7.6	9.5	11.8	14.1	15.0	16.1	4.3	9,087	3,710	436
Home economics	12.2	13.6	15.4	16.9	17.5	17.4	.7	2,334	207	160
Law (excl. first professional)	.5	.5	.5	.4	.5	.6	.4	1,574	1,366	60
Letters	73.6	71.3	65.3	57.9	52.3	47.1	20.5	10,451	4,237	2,199
Library sciences	1.0	1.2	1.2	1.1	.8	.8	.1	7,572	1,546	75
Mathematical subjects	23.8	23.2	21.8	18.3	16.1	14.2	8.3	3,695	2,396	823
Military sciences	.4	.3	.3	.4	1.2	.9	.9	43	42	-
Physical sciences	20.9	20.8	21.3	20.9	21.6	22.5	18.0	5,331	4,450	3,341
Chemistry, general	10.7	10.2	10.4	10.5	11.1	11.1	8.5	1,669	1,249	1,270
Physics	4.6	4.1	3.9	3.7	3.5	3.4	3.0	1,290	1,170	920
Geology	2.5	2.8	3.2	3.2	3.3	3.7	2.9	920	811	257
All other	3.1	3.6	3.8	3.5	3.8	4.3	3.5	1,452	1,220	723
Psychology	43.4	48.1	52.3	51.4	50.4	47.4	20.6	8,301	4,313	2,761
Public affairs and services	12.7	18.0	24.3	28.6	33.6	36.3	20.1	19,454	10,663	335
Social sciences	159.6	157.7	152.2	136.8	127.9	117.4	71.2	15,458	10,369	3,784
History	44.0	41.2	37.4	31.8	28.6	25.4	16.5	3,393	2,199	921
Sociology	35.6	36.0	35.9	31.8	28.0	24.7	9.7	1,830	1,018	714
Political science or gov't	28.3	30.2	30.9	29.3	28.5	26.4	19.0	2,222	1,718	641
Social sciences, general	21.4	18.3	17.1	14.0	12.5	10.8	6.0	2,019	1,234	72
Economics	15.3	14.9	14.4	14.1	14.9	15.3	11.8	2,158	1,775	758
All other	14.9	17.1	16.5	15.8	15.5	14.7	8.3	3,836	2,425	678
Theology	3.9	3.5	4.2	4.8	5.5	6.1	4.5	3,625	2,488	1,125
Theological prof'sns, gen'l	2.0	1.7	2.5	2.8	3.5	3.9	3.3	1,831	1,459	1,015
Religious education	1.1	1.0	1.3	1.4	1.5	1.6	.8	1,325	688	41
All other	.7	.8	.4	.7	.5	.7	.4	469	341	32
Interdisciplinary studies	16.7	20.8	24.9	28.5	32.8	33.9	18.0	4,498	2,827	304

¹ Represents zero. ² Requiring 4 or 5 years. ³ Includes history and appreciation. ⁴ Includes performing and liberal arts, history, and appreciation. ⁵ Comprises general liberal arts and sciences, biological and physical sciences, humanities and social sciences, engineering, and other disciplines.

Source: U.S. National Center for Education Statistics, *Earned Degrees Conferred*, annual.

NO. 284. EARNED DEGREES BELOW BACHELOR'S, BY TYPE OF CURRICULUM: 1971 TO 1977

[In thousands. Includes Puerto Rico and outlying areas. Covers associate degrees and other awards based on post-secondary curriculums of less than 4 years in institutions of higher education. Arts and science include general programs]

TYPE OF CURRICULUM	1971	1972	1973	1974	1975	1976	1977	PERCENT FEMALE		
								1971	1975	1977
All degrees.....	303.4	351.9	389.0	429.7	448.5	487.7	511.0	44.5	46.7	48.9
Occupational.....	153.5	190.0	224.0	260.5	277.2	313.0	334.5	45.7	47.8	49.7
Science and engineering.....	87.7	107.9	129.9	147.3	159.0	174.8	186.4	42.0	47.9	48.3
Health service.....	34.5	45.4	58.9	70.3	76.7	83.5	88.0	91.6	87.5	86.8
Nursing, R.N.....	14.4	18.2	23.5	28.7	32.4	34.3	35.9	95.8	93.1	93.0
Mechanical and engineering.....	37.4	44.1	48.5	52.6	56.3	63.8	68.1	1.4	2.6	3.9
Natural science.....	7.0	9.4	14.0	16.4	18.0	19.5	20.9	22.8	30.9	33.6
Data processing.....	8.7	9.0	8.5	8.0	7.9	8.5	9.4	35.6	32.6	42.5
Business and commerce.....	51.0	61.1	66.7	80.5	83.0	96.8	105.7	54.0	51.9	58.1
Secretarial.....	16.5	20.3	22.0	27.3	27.5	29.0	30.8	98.3	98.9	98.6
Public service.....	14.8	21.0	27.3	32.8	35.2	41.4	42.4	38.8	38.6	39.9
Police and corrections.....	6.9	9.2	12.7	15.9	17.0	20.3	20.0	6.1	12.4	16.9
Arts and science.....	150.0	161.8	165.0	169.2	171.4	174.7	176.5	43.2	45.3	47.4

Source: U.S. National Center For Education Statistics, *Associate Degrees and Other Formal Awards Below the Baccalaureate*, annual.

NO. 285. NONCOLLEGIATE POSTSECONDARY SCHOOLS—ENROLLMENT AND INSTRUCTIONAL STAFF, BY TYPE OF SCHOOL: 1978

[For school year ending in June. Includes Puerto Rico. Covers schools offering occupational programs, including correspondence schools]

ITEM	Total ¹	Voca- tional and technical	Tech- ni- cal in- sti- tu- te	Busi- ness- and of- fice	Cos- me- tol- ogy and barber	Flight	Trade	Arts/ Design	Hos- pi- tal	Allied health
Schools, number.....	7,707	616	108	1,269	2,163	1,064	750	252	917	358
Total enrollment, 1,000.....	1,761	575	55	531	132	63	203	49	48	58
Percent female.....	52.0	43.9	10.4	59.8	84.9	8.2	21.1	60.3	91.4	86.6
Full-time, 1,000.....	1,235	372	31	366	110	14	159	36	48	52
Part-time, 1,000.....	526	203	24	165	22	49	44	13	-	6
Public, 1,000.....	452	405	11	1	-	(2)	4	-	6	9
Private, 1,000.....	1,309	170	44	530	132	63	199	49	42	49
Instructional staff, 1,000.....	63	19	1	10	8	5	4	3	10	2
Percent female.....	47.1	34.2	7.7	50.6	79.0	6.4	15.6	34.6	78.9	76.1

- Represents zero. Z Less than 500. ¹ Includes other types, not shown separately.

Source: U.S. National Center for Education Statistics, *Directory of Postsecondary Schools with Occupational Programs, 1978*, and *Enrollments and Programs in Noncollegiate Postsecondary Schools, 1978*.

NO. 286. LIBRARIES—NUMBER, BY TYPE: 1978

[Covers listings in *American Library Directory*]

TYPE	Total	Per- cent	TYPE		Total	Per- cent
			Armed Forces	Government		
Total ¹	35,124	100.0	Armed Forces.....		437	1.2
United States.....	29,460	83.9	Government.....		1,250	3.6
Public.....	8,455	24.1	Special.....		5,287	15.1
Branches.....	5,963	17.0	Law.....		841	2.4
Academic.....	4,129	11.8	Medical.....		2,001	5.7
Junior college.....	1,142	3.3	Religious.....		1,088	3.1
Universities and colleges.....	1,708	4.9	Outlying areas.....		155	.4
Departmental law, medicine and religious.....	1,279	3.6				

¹ Includes public libraries with annual incomes of less than \$2,000 or book funds of less than \$500, law libraries with less than 10,000 volumes each, Canadian libraries, and libraries in regions administered by the U.S., not shown separately.

Source: R.R. Bowker Co., New York, N.Y., *The Bowker Annual Library and Book Trade Information and American Library Directory*, biennial. (Copyright by Xerox Corporation.)

No. 287. FEDERALLY AIDED VOCATIONAL PROGRAMS—ENROLLMENT AND EXPENDITURES, 1950 TO 1978, AND BY STATES AND OTHER AREAS, 1978

[For years ending June 30. Includes Puerto Rico for all years; Virgin Islands from 1955; Guam, from 1960; American Samoa and Trust Territory of the Pacific Islands, from 1970; and N. Marianas Is., beginning 1978. See also *American Historical Statistics, Colonial Times to 1970*, series H 572-581.]

YEAR AND STATE OR OTHER AREA	ENROLLMENT (1,000)					EXPENDITURES (mil. dol.)		
	Total ¹	Home econom- ics	Office occupa- tions	Trade, indus- trial	Agri- culture	Total	Federal	State and local
1950.....	3,365	1,430	—	805	765	128.7	26.6	102.1
1955.....	3,314	1,432	—	871	776	164.8	30.4	134.4
1960.....	3,768	1,588	—	938	796	238.8	45.3	193.5
1965.....	5,431	2,099	731	1,088	888	604.6	166.9	447.7
1970.....	8,794	2,570	2,111	1,906	853	1,866.2	300.7	1,565.5
1972.....	11,602	3,446	2,352	2,398	896	2,660.8	466.0	2,194.7
1973.....	12,072	3,517	2,499	2,702	928	3,033.7	482.4	2,551.3
1974.....	13,556	3,703	2,757	2,824	976	3,433.8	468.2	2,965.6
1975.....	15,340	3,746	2,951	3,017	1,013	4,037.3	536.1	3,501.1
1976.....	15,346	3,986	3,115	3,110	1,060	5,150.2	543.2	4,607.0
1977.....	16,464	4,164	3,273	3,247	1,056	4,962.6	533.6	4,428.9
1978, total.....	16,705	4,119	3,312	3,403	1,007	5,575.8	495.4	5,080.4
Alabama.....	220	60	29	74	37	65.9	13.1	52.8
Alaska.....	43	7	14	13	(Z)	7.5	.7	6.8
Arizona.....	245	72	35	40	9	39.8	6.3	33.5
Arkansas.....	147	45	19	33	22	35.7	5.4	30.3
California.....	2,094	369	615	431	89	496.3	32.6	463.7
Colorado.....	146	38	41	28	5	86.6	7.2	79.4
Connecticut.....	162	99	39	35	2	48.7	6.0	42.7
Delaware.....	67	8	12	19	2	13.0	1.5	11.5
District of Columbia.....	18	10	1	6	(Z)	6.5	2.0	4.5
Florida.....	997	190	177	161	39	348.9	16.1	332.8
Georgia.....	411	92	103	54	26	99.4	12.7	86.7
Hawaii.....	64	26	14	15	3	18.9	2.3	11.5
Idaho.....	52	30	8	11	6	16.9	2.7	14.2
Illinois.....	721	112	238	225	34	375.7	23.7	352.1
Indiana.....	196	56	26	61	24	72.3	14.1	58.2
Iowa.....	313	117	29	40	40	66.8	7.8	59.0
Kansas.....	115	49	13	23	11	39.6	4.5	35.1
Kentucky.....	264	81	34	49	23	62.4	9.5	53.0
Louisiana.....	259	60	81	38	23	63.7	12.1	51.6
Maine.....	54	11	14	17	1	23.9	3.5	20.3
Maryland.....	349	100	68	35	5	154.3	10.3	143.9
Massachusetts.....	242	34	88	56	4	211.0	5.4	205.6
Michigan.....	380	143	70	101	16	229.1	17.9	211.2
Minnesota.....	439	133	53	95	55	115.9	13.4	102.5
Mississippi.....	186	49	14	45	23	48.6	9.7	38.8
Missouri.....	232	87	29	40	22	86.6	13.3	73.3
Montana.....	24	9	3	6	4	13.0	2.3	10.7
Nebraska.....	101	43	15	16	11	23.7	3.8	19.9
Nevada.....	29	4	10	11	1	11.9	.7	11.2
New Hampshire.....	53	15	4	9	2	12.7	1.7	11.0
New Jersey.....	927	153	146	116	4	171.0	15.2	155.8
New Mexico.....	69	21	10	12	6	23.9	2.8	21.0
New York.....	1,415	377	399	204	23	551.9	37.9	514.0
North Carolina.....	621	110	69	150	33	177.8	19.1	158.7
North Dakota.....	60	17	7	8	9	15.5	1.9	13.5
Ohio.....	803	169	58	148	42	331.8	25.8	306.1
Oklahoma.....	175	40	19	64	37	80.5	7.7	72.8
Oregon.....	227	55	41	40	7	16.3	3.8	12.5
Pennsylvania.....	434	85	101	160	22	296.4	25.1	271.2
Rhode Island.....	64	11	18	7	1	23.5	2.4	21.1
South Carolina.....	286	44	49	47	19	88.9	9.7	79.2
South Dakota.....	30	16	2	4	6	9.9	2.2	7.7
Tennessee.....	296	68	47	84	22	92.9	11.0	81.9
Texas.....	1,047	394	94	162	118	288.2	21.5	266.7
Utah.....	83	11	15	23	5	29.1	3.6	25.5
Vermont.....	26	9	4	9	2	8.7	1.5	7.1
Virginia.....	430	93	96	66	34	125.1	12.6	112.5
Washington.....	385	114	88	141	27	141.1	4.7	136.5
West Virginia.....	125	32	33	35	7	47.1	5.9	41.2
Wisconsin.....	343	72	90	104	35	126.4	8.0	118.4
Wyoming.....	34	9	13	11	2	5.9	1.1	4.8
Puerto Rico.....	187	68	16	20	4	32.9	9.4	23.5
Virgin Islands.....	5	2	1	(Z)	(Z)	—	—	—
Trust Territory.....	5	1	1	2	1	(Z)	(Z)	—
N. Marianas Is.....	2	(Z)	(Z)	1	(Z)	(Z)	(Z)	—
American Samoa.....	2	1	(Z)	(Z)	(Z)	.8	.1	.8

— Represents zero. Z Fewer than 500 persons or less than \$50,000. ¹ Includes programs not shown separately. Represents unduplicated enrollment.

Source: U.S. Office of Education, *Vocational and Technical Education*, annual.

NO. 288. PERSONS ENROLLED IN VOCATIONAL COURSES: 1976
 [Persons 14 years old and over; civilian noninstitutional population. As of October]

ENROLLMENT	All persons (1,000)	PERCENT OF ALL PERSONS					
		Male	Female	White	Black	14-21 years old	22-24 years old
Vocational school:							
Total enrolled-----	7,210	52.5	47.5	90.7	7.7	17.5	44.2
Enrolled in October-----	3,107	50.3	49.7	91.1	7.3	20.6	45.0
Enrolled in previous 12 months-----	4,103	54.1	45.9	90.3	7.9	15.2	42.9
Regular school enrolled-----	27,632	61.9	48.1	84.8	13.2	79.3	16.1

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 343.

NO. 289. WORK/TRAINING ACTS—ENROLLMENTS AND OBLIGATIONS: 1976 TO 1978
 [For years ending Sept. 30, except as noted. Covers programs administered by the U.S. Dept. of Labor]

PROGRAM	FIRST-TIME ENROLLMENTS (1,000)			CURRENT ENROLLMENTS (1,000)			OBLIGATIONS (mil. dol.)			
	1976 ¹	1977	1978	1976 ¹	1977	1978	1976 ¹	1977 ²	1978	
	Total	3,212	3,429	3,873	1,202	1,358	1,646	5,087	9,527	7,369
Comprehensive Employment and Training Act (CETA)-----										
Training and Work Experience-----	2,761	2,638	2,874	911	1,003	1,049	4,772	9,132	5,934	
Public Service Employment-----	1,250	1,119	965	505	367	324	1,528	1,871	1,910	
Special Target Groups ³ -----	488	597	657	301	232	596	2,290	6,202	2,208	
Job Corps-----	159	174	210	84	91	105	232	254	684	
Summer Youth Program-----	43	41	49	21	22	24	134	210	377	
Youth Employment Training Programs-----	821	907	994	(NA)	(NA)	(X)	588	595	755	
Older Americans Act-----	(X)	(X)	398	(X)	(X)	196	(X)	(X)	984	
Work Incentive Program-----	6	20	562	18	20	37	85	150	280	

NA Not available. X Not applicable.

¹ For year ending June 30.

² For 15 months, July 1, 1976–Sept. 30, 1977.

³ Includes Indian and Migrant programs.

Source: U.S. Employment and Training Administration, *Employment and Training Report of the President*, annual.

NO. 290. ADULT EDUCATION—PERCENT PARTICIPATION, BY SOURCE OF INSTRUCTION AND DESCRIPTION OF COURSE, 1969 TO 1975, AND BY SEX AND RACE, 1975

[For years ending in May. Covers persons 17 years old and over who were not full-time students in high school or college. 1969 and 1972 include all persons age 35 years old and over regardless of their enrollment status]

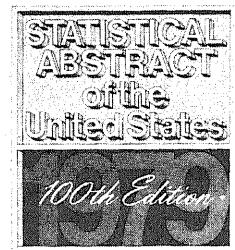
SOURCE OF INSTRUCTION AND COURSE	1969	1972	1975					
			Total	Male	Female	White	Black	Other
Total participants-----	1,000	13,941	15,734	17,059	8,027	9,032	15,739	1,031
Percent of population participating-----		10.0	11.3	11.6	11.7	11.6	12.1	6.9
PERCENT DISTRIBUTION								
Source of instruction: ¹								
Grade schools and high schools-----	² 15.1	² 14.0	11.0	6.5	15.1	11.0	10.5	14.1
Two year colleges and tech institutes-----	² 11.9	16.3	17.7	17.2	18.1	17.6	20.9	10.7
Four year colleges and universities-----	21.7	21.4	19.1	18.4	19.7	19.2	19.2	12.4
Community organizations-----	11.9	12.7	10.5	6.7	13.8	10.8	6.2	4.5
Trade, vocational, and business schools-----	³ 11.5	² 8.9	8.6	9.6	7.7	8.2	14.5	12.4
Tutor or private instructor-----	(4)	6.0	6.9	4.3	9.2	7.2	.8	13.1
Employer-----	17.4	16.6	15.3	21.4	9.8	15.3	15.1	13.1
Labor unions and professional assns-----	(4)	5.5	6.1	8.4	4.0	6.8	2.2	8.3
Government agency-----	20.0	10.4	11.7	14.2	9.5	11.9	9.5	11.0
Description of course: ¹								
Occupational training-----	44.6	46.5	48.7	62.1	36.8	48.7	48.2	50.7
General education-----	27.2	25.9	20.6	17.6	23.3	19.5	37.4	20.0
Personal and family living-----	12.1	14.0	14.8	10.3	18.9	15.2	9.4	13.4
Social life and recreation-----	11.9	12.0	15.9	8.1	22.8	16.6	3.6	20.0
Community issues-----	9.2	9.8	10.0	10.0	10.0	10.4	5.5	2.4
Other and not reported-----	4.4	3.4	3.2	3.0	3.4	3.2	2.9	4.5

¹ Percentages total more than 100 since some adults received instruction from more than one source or were enrolled in more than one course. ² Public schools only. ³ Private schools only.

⁴ Included in other.

Source: U.S. National Center for Education Statistics, *Participation in Adult Education, 1969, 1972, and 1975*.

Law Enforcement, Federal Courts, and Prisons



This section presents data on crimes committed and victims of crimes, arrests, law enforcement employment and expenditures, the legal profession, courts and judges, Federal court cases, Federal and State prisoners, juveniles in court custody, and use of the death penalty. A major source of data on these subjects is the Law Enforcement Assistance Administration (LEAA) which issues several reports, including *Criminal Victimization in the United States*, *Prisoners in State and Federal Institutions*, *Children in Custody*, *National Survey of Court Organization*, and *Capital Punishment*. In addition, the annual *Expenditure and Employment Data for the Criminal Justice System* is issued jointly by LEAA and the Bureau of the Census. For other LEAA reports, see "Law Enforcement, Federal Courts, and Prisons" in Appendix IV.

Other major sources of these data include: *Uniform Crime Reports for the United States*, issued annually by the Federal Bureau of Investigation (FBI); the *Annual Report of the Director and Special Reports on Federal Offenders and Persons Under the Supervision of the Federal Probation System*, issued by the Administrative Office of the U.S. Courts; *Governmental Finances and Public Employment*, issued annually by the Bureau of the Census; and the *Statistical Report*, issued annually by the Federal Bureau of Prisons. Data on lawyers and law firms are compiled by the American Bar Foundation, Chicago, Illinois, and the Bureau of the Census, respectively.

Legal jurisdiction and law enforcement.—Law enforcement is, for the most part, a function of State and local officers and agencies. The U.S. Constitution reserves general police powers to the States. By act of Congress, Federal offenses include only offenses against the U.S. Government and against or by its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce. Consequently, criminal offenses such as murder, robbery, burglary, theft, assault, and rape are violations of State laws unless they involve Federal property or Federal officers while engaged in their official duties, or unless they occur in Federal territories or reservations or on the high seas. Excluding the military, there are 52 separate criminal law jurisdictions in the United States: 1 in each of the 50 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. While the systems of law enforcement are quite similar among the States, there are often substantial differences in the penalties for like offenses.

Law enforcement can be divided into three parts. The first, covering investigation of crimes and arrest of persons suspected of committing them, involves municipal, county, and State police; sheriffs, constables, marshals, and Federal agents; and many kinds of special officers. The second phase is prosecution of those charged with crime to judge whether they are legally guilty or innocent. The agencies concerned include courts; justices of the peace; municipal, State, and Federal juries; and prosecuting court officers. The third phase is concerned with the punishment or treatment of persons convicted of crime. While the courts usually determine the sentence after conviction, the penalty is enforced by the detention facility, or by probation or parole officials.

Crime.—There are two major approaches taken in determining the extent of crime. One perspective is provided by the FBI through its Uniform Crime Reporting Program. The FBI receives monthly and annual reports from law enforcement agencies throughout the country, currently representing 95 percent of the national population. Each month,

city police, sheriffs, and State police file reports on the number of offenses that become known to them in the following seven crime categories—murder and nonnegligent manslaughter, forcible rape, robbery, aggravated assault, burglary, larceny-theft, and motor vehicle theft. These categories are the basis of the FBI Crime Index and are defined as follows: *Murder and nonnegligent manslaughter*, which is based on police investigations, as opposed to the determination of a medical examiner or judicial body, includes willful felonious homicides, and excludes attempts and assaults to kill, suicides, accidental deaths, justifiable homicides, and deaths caused by negligence; *forcible rape* includes forcible rapes and attempts; *robbery* includes stealing or taking anything of value by force or violence or threat of force or violence and includes attempted robbery; *aggravated assault* includes assault with intent to kill; *burglary* includes any unlawful entry to commit a felony or a theft and includes attempted burglary and burglary followed by larceny; *larceny* includes theft of property or articles of value without use of force and violence or fraud and excludes embezzlement, "con games," forgery, etc.; *motor vehicle theft* includes all cases where vehicles are driven away and abandoned, but excludes vehicles taken for temporary use and returned by the taker.

The monthly Uniform Crime Reports also contain data on crimes cleared by arrest and on persons arrested for all criminal offenses, by age, sex, and race of the offender. Annual reports provide an accounting of the number of persons formally charged and their disposition. In summarizing and publishing crime data, the FBI does not vouch for the validity of the reports it receives, but presents the data as information useful to persons concerned with the problem of crime and criminal-law enforcement.

A second perspective on crime is provided by LEAA through the National Crime Survey conducted by the Bureau of the Census. This series of surveys, based on representative samples of households and commercial establishments, is designed to elicit information about experiences, if any, with selected crimes of violence and theft. The surveys, conducted nationally on a continuous basis and for selected cities periodically, focus on victims of crime. The results, published in a series of *Criminal Victimization* reports, present types of crime, frequency of victimization, characteristics of victims, victim-offender relationship (stranger-nonstranger), and whether or not police were notified about the incident.

Courts.—Court statistics on criminal offenses and the outcome of prosecutions are incomplete for the country as a whole, although data are available for many States individually. The only national compilations of such statistics were made by the Bureau of the Census for 1932 to 1945 covering a maximum of 32 States.

The bulk of civil and criminal litigation in the country is commenced and determined in the various State courts. Only when the U.S. Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by them. Generally, the Federal courts have jurisdiction over the following types of cases: Suits or proceedings by or against the United States; civil actions between private parties arising under the Constitution, laws, or treaties of the United States; civil actions between private litigants who are citizens of different States; civil cases involving admiralty, maritime, or prize jurisdiction; and all matters and proceedings in bankruptcy.

There are several types of courts with varying degrees of legal jurisdiction. These jurisdictions include original, appellate, general, and limited or special. A *court of original jurisdiction* is one having the authority initially to try a case and pass judgment on the law and the facts; a *court of appellate jurisdiction* is one with the legal authority to review cases and hear appeals; a *court of general jurisdiction* is a trial court of unlimited original jurisdiction in civil and/or criminal cases, also called a "major trial court"; a *court of limited or special jurisdiction* is a trial court with legal authority over only a particular class of cases, such as probate, juvenile, or traffic cases.

The 94 Federal courts of original jurisdiction are known as the U.S. district courts. One or more of these courts is established in every State and one each in the District of Columbia, Puerto Rico, the Virgin Islands, the Canal Zone, and Guam. Appeals from the district courts are taken to intermediate appellate courts of which there are 11, known as U.S. courts of appeals. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

Juvenile offenders.—For statistical purposes, the FBI and most States classify as juvenile offenders persons under the age of 18 years who have committed a crime or crimes.

Delinquency cases are all cases of youths referred to a juvenile court for violation of a law or ordinance or for seriously "antisocial" conduct. This broad definition includes conduct which violates the law only when committed by children (e.g. ungovernable behavior); such offenses are termed "juvenile offenses." Several types of facilities are available for those adjudicated delinquent, ranging from the short-term physically unrestricted environment (e.g. a shelter or halfway house) to the long-term very restrictive atmosphere (e.g., a training school).

Prisoners.—Statistics of prisoners have been collected and published for a longer period of time than have other criminal statistics. Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1950, transferred then to the Federal Bureau of Prisons and, in 1971, to LEAA. Adults convicted of criminal activity may be given a prison or jail sentence. A *prison* is a confinement facility having custodial authority over adults sentenced to confinement of more than one year. A *jail* is a facility, usually operated by a local law enforcement agency, holding persons detained pending adjudication and/or persons committed after adjudication to one year or less. Nearly every State publishes annual data either for its whole prison system or for each separate State institution.

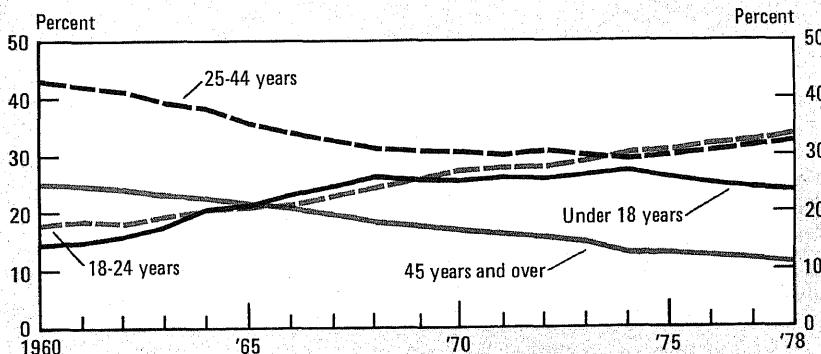
Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability pertaining to the National Crime Survey, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Figure 6.1

Persons Arrested — Percent by Age: 1960 to 1978

(See table 309)

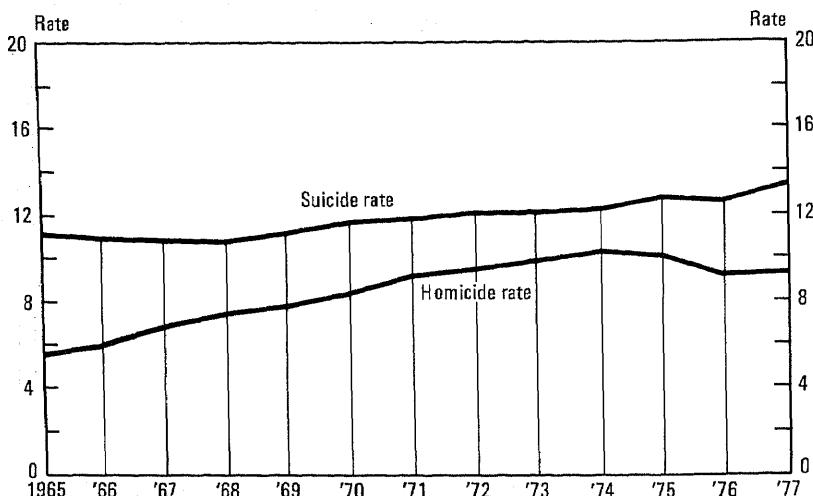


Source: Chart prepared by U.S. Bureau of the Census.
Data from U.S. Federal Bureau of Investigation.

Figure 6.2

Homicide and Suicide Rates: 1965 to 1977

(See table 298. Rate per 100,000 resident population)



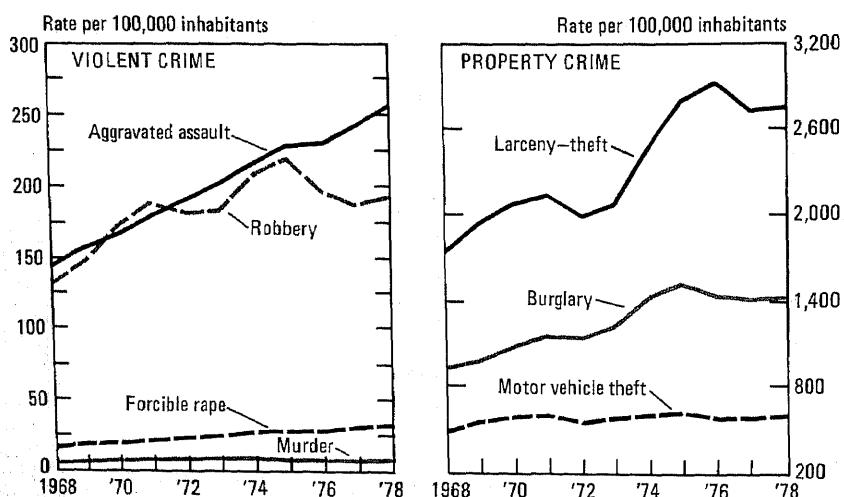
Source: Chart prepared by U.S. Bureau of the Census.

Data from U.S. National Center for Health Statistics.

Figure 6.3

Selected Crime Rates: 1968 to 1978

(See table 291)



Source: Chart prepared by U.S. Bureau of the Census.

Data from U.S. Federal Bureau of Investigation.

NO. 291. CRIMES AND CRIME RATES, BY TYPE: 1967 TO 1978

[Data refer to offenses known to the police. Rates are based on Bureau of the Census estimated population as of July 1, excluding Armed Forces abroad. Minus sign (-) denotes decrease. For definitions of crimes, see text, p. 174. For explanation of average annual percent change, see Guide to Tabular Presentation. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 952-961 for related data]

ITEM AND YEAR	Total	VIOLENT CRIME					PROPERTY CRIME			
		Total	Murder ¹	Forcible rape	Robbery	Aggravated assault	Total	Burglary	Larceny-theft	Motor vehicle theft
Number of offenses:										
1967	1,000	5,903	500	12.2	27.6	203	257	5,404	1,632	3,112
1968	1,000	6,720	595	13.8	31.7	268	287	6,125	1,859	3,483
1969	1,000	7,410	662	14.8	37.2	299	311	6,749	1,982	3,889
1970	1,000	8,098	739	16.0	38.0	350	385	7,389	2,205	4,226
1971	1,000	8,588	817	17.8	42.3	388	369	7,772	2,399	4,424
1972	1,000	8,249	835	18.7	46.9	376	393	7,414	2,376	4,151
1973	1,000	8,718	876	19.6	51.4	384	421	7,842	2,566	4,348
1974	1,000	10,253	975	20.7	55.4	442	456	9,279	3,039	5,263
1975	1,000	11,257	1,026	20.5	56.1	465	485	10,230	3,262	5,978
1976	1,000	11,305	987	18.8	56.7	420	491	10,318	3,090	6,271
1977	1,000	10,936	1,010	19.1	63.0	405	523	9,926	3,052	5,906
1978	1,000	11,141	1,062	19.6	67.1	417	558	10,080	3,104	5,983
Average annual percent change:										
1968-1978		5.2	6.0	3.6	7.8	4.7	6.9	5.1	5.3	5.6
1970-1975		6.8	6.8	5.1	8.1	5.9	7.7	6.8	8.1	7.2
1976-1977		-3.3	2.3	1.6	11.1	-3.6	6.5	-3.8	-1.2	-5.8
1977-1978		1.9	5.1	2.6	6.5	3.0	6.7	1.6	1.7	1.3
Rate per 100,000 inhabitants:										
1967		2,990	253	6.2	14.0	103	130	2,737	827	1,576
1968		3,370	298	6.9	15.9	132	144	3,072	932	1,747
1969		3,680	329	7.3	18.5	148	155	3,351	984	1,931
1970		3,985	364	7.9	18.7	172	165	3,621	1,085	2,079
1971		4,165	396	8.6	20.5	188	179	3,769	1,164	2,146
1972		3,961	401	9.0	22.5	181	189	3,560	1,141	1,994
1973		4,154	417	9.4	24.5	188	201	3,737	1,223	2,072
1974		4,850	461	9.8	26.2	209	216	4,389	1,438	2,490
1975		5,282	482	9.6	26.3	218	227	4,800	1,526	2,805
1976		5,266	460	8.8	26.4	196	220	4,807	1,439	2,921
1977		5,055	467	8.8	29.1	187	242	4,588	1,411	2,730
1978		5,109	487	9.0	30.8	191	256	4,622	1,424	2,744
Average annual percent change:										
1968-1978		4.3	5.0	2.7	6.8	3.8	5.9	4.2	4.3	4.6
1970-1975		5.8	5.8	4.0	7.1	4.9	6.6	5.8	7.1	6.2
1976-1977		-4.0	1.5	(2)	10.2	-4.6	5.7	-4.6	-1.9	-6.5
1977-1978		1.1	4.3	2.3	5.8	2.1	5.8	.7	.9	.5

Z Less than .5 percent. ¹ Includes nonnegligent manslaughter.

NO. 292. CRIMES KNOWN TO THE POLICE, BY TYPE AND AREA: 1977 AND 1978

[In thousands, except rate. Estimated totals based on reports from city and rural law enforcement agencies representing 95 percent of the national population. Covers crimes constituting "FBI Crime Index"; for definitions of crimes, see text, p. 174. The SMSA represents all agencies within Standard Metropolitan Statistical Area]

TYPE OF CRIME	1977						1978					
	SMSA's ¹		Other cities		Rural areas		SMSA's ¹		Other cities		Rural areas	
			Total	Rate ²	Total	Rate ²			Total	Rate ²	Total	Rate ²
Total	9,204	5,814	1,084	4,198	648	2,012	9,356	5,870	1,130	4,364	655	1,998
Violent crime	885	559	69	267	56	173	931	584	74	285	57	175
Murder and nonnegligent manslaughter	15	10	1	5	2	8	16	10	1	5	2	8
Forcible rape	55	35	4	14	5	14	58	37	4	16	5	14
Robbery	386	244	12	48	7	21	397	249	13	50	7	21
Aggravated assault	429	271	52	200	42	130	459	288	56	214	43	132
Property crime	8,319	5,255	1,015	3,931	592	1,840	8,426	5,286	1,056	4,079	598	1,823
Burglary	2,548	1,609	257	997	247	767	2,503	1,627	267	1,032	245	746
Larceny-theft	4,897	3,093	702	2,713	307	954	4,943	3,101	728	2,812	313	953
Motor vehicle theft	875	553	56	215	38	118	890	559	61	234	41	124

¹ For definition of standard metropolitan statistical areas, see text, Appendix II. ² Rate per 100,000 population based on Bureau of the Census estimated population as of July 1, excluding Armed Forces abroad.

Source of tables 291 and 292: U.S. Federal Bureau of Investigation, *Uniform Crime Reports for the United States*, annual.

NO. 293. CRIME RATES, BY TYPE—STATES: 1977 AND 1978

[Offenses known to the police per 100,000 population. Based on Bureau of the Census estimated population as of July 1, excluding Armed Forces abroad. For definitions of crimes, see text, p. 174]

STATE	MURDER AND NON- NEGLECTFUL MAN- SLAUGHTER		FORCIBLE RAPE		ROBBERY		AGGRA- VATED ASSAULT		BURGLARY— BREAKING OR ENTERING		LARCENY— THEFT		MOTOR VEHICLE THEFT	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
U.S. ¹	8.8	9.0	29.1	30.8	187.1	191.3	242	256	1,411	1,424	2,730	2,744	448	455
N.E.	3.3	3.6	17.5	18.1	126.0	133.2	183	203	1,416	1,407	2,432	2,416	802	796
Maine	2.4	2.7	13.5	11.1	83.7	32.9	170	161	1,253	1,241	2,351	2,436	247	253
N.H.	3.2	1.4	10.7	9.4	23.2	26.3	76	82	1,042	1,160	2,344	2,483	203	306
Vt.	1.4	3.3	15.9	14.6	30.8	14.4	101	134	1,348	1,261	2,201	2,165	265	214
Mass.	3.1	3.7	20.8	22.6	169.9	172.3	232	263	1,532	1,515	2,311	2,278	1,140	1,096
R.I.	3.6	4.0	10.5	11.0	86.5	98.2	201	235	1,490	1,393	2,844	2,714	701	807
Conn.	4.2	4.2	16.8	17.2	129.5	154.8	132	139	1,346	1,362	2,621	2,598	593	655
M.A.	8.1	8.0	24.4	24.7	305.9	309.5	232	244	1,400	1,372	2,412	2,342	568	544
N.Y.	10.7	10.3	29.4	29.1	472.1	472.1	319	330	1,728	1,651	2,782	2,629	746	672
N.J.	5.6	5.4	21.0	23.6	180.4	192.6	185	202	1,436	1,456	2,775	2,767	512	561
Pa.	5.6	6.2	19.0	18.7	130.3	130.7	128	140	878	900	1,624	1,643	333	341
E.N.C.	8.1	7.9	26.7	27.5	187.7	173.9	193	211	1,190	1,190	2,801	2,784	445	441
Ohio	7.8	6.9	27.3	27.4	190.5	224.6	181	196	1,216	1,215	2,697	2,630	400	402
Ind.	7.4	6.2	26.5	27.0	123.2	121.4	154	169	1,086	1,108	2,499	2,478	377	411
Ill.	9.9	9.9	21.8	23.8	211.3	205.0	209	227	1,085	1,330	2,829	2,902	529	511
Mich.	9.3	10.6	38.9	39.6	261.9	219.3	275	308	1,523	1,444	3,159	3,047	546	526
Wis.	2.8	2.5	12.9	14.5	52.2	49.9	64	65	847	846	2,614	2,672	221	230
W.N.C.	5.1	5.1	20.0	20.3	102.1	100.7	145	150	1,066	1,077	2,482	2,450	294	288
Minn.	2.7	2.0	19.5	19.9	85.9	85.1	86	83	1,135	1,094	2,559	2,536	343	325
Iowa	2.3	2.6	10.6	10.4	41.2	46.9	90	102	813	871	2,685	2,713	220	235
Mo.	9.6	10.4	28.3	28.0	189.0	184.0	234	246	1,318	1,345	2,424	2,346	378	360
N. Dak.	.9	1.2	9.0	8.9	13.8	15.6	44	41	446	423	1,843	1,767	145	148
S. Dak.	2.0	1.9	13.5	10.9	17.9	15.9	156	135	571	600	1,704	1,766	148	160
Nebr.	3.9	3.0	18.1	18.3	64.7	64.9	113	104	760	747	2,316	2,287	249	217
Kans.	6.6	5.7	22.0	25.0	100.7	93.7	181	194	1,270	1,287	2,739	2,691	244	248
S.A. ¹	10.2	10.9	29.9	33.4	189.6	170.3	325	343	1,390	1,443	2,762	2,864	292	317
Del.	6.0	6.7	24.9	20.4	157.0	145.5	194	268	1,683	1,624	3,678	3,793	467	497
Md.	8.0	8.2	34.8	35.6	292.1	309.6	359	379	1,400	1,422	3,178	3,235	429	425
Va.	9.0	8.8	23.3	22.7	92.1	97.1	166	158	986	991	2,521	2,567	227	229
W. Va.	6.0	6.8	13.2	14.7	42.2	46.3	91	100	597	648	1,342	1,278	163	176
N.C.	10.6	10.8	17.0	18.4	61.3	65.9	318	318	1,154	1,184	2,038	2,083	192	201
S.C.	11.9	11.5	33.0	35.4	105.9	101.3	485	489	1,614	1,499	2,342	2,484	245	276
Ga.	11.7	14.4	31.1	37.9	140.5	166.3	257	264	1,351	1,476	2,170	2,456	298	357
Fla.	10.2	11.0	39.6	46.1	187.9	206.0	449	503	1,860	1,979	3,841	3,937	351	380
E.S.C.	11.9	10.9	24.1	25.3	102.7	106.3	201	200	1,070	1,073	1,683	1,709	259	272
Ky.	10.1	9.0	19.1	20.7	81.1	81.3	123	112	872	882	1,662	1,665	245	251
Tenn.	10.1	9.4	29.7	30.6	145.8	152.4	204	190	1,260	1,214	1,777	1,766	314	328
Ala.	14.2	13.3	25.2	25.5	96.8	99.1	278	231	1,136	1,229	1,882	1,988	281	303
Miss.	14.3	12.6	19.6	21.8	65.7	70.2	189	217	916	846	1,240	1,236	144	152
W.S.C.	12.6	13.2	32.1	34.9	133.7	147.7	230	247	1,421	1,447	2,685	2,743	357	393
Ark.	8.8	9.1	27.6	23.8	83.2	80.0	203	232	973	967	1,862	1,951	183	200
La.	15.5	15.8	30.9	34.8	142.9	173.7	336	361	1,166	1,276	2,470	2,570	338	362
Oklahoma	8.6	8.5	28.2	31.0	73.8	88.3	205	225	1,288	1,300	2,228	2,126	327	351
Texas	13.3	14.2	33.8	37.9	152.4	164.4	208	219	1,603	1,612	2,980	3,065	398	444
Mt.	7.4	7.8	32.9	38.2	126.3	131.4	263	275	1,697	1,623	3,589	3,629	339	409
Mont.	5.4	4.8	18.7	15.8	39.2	36.8	157	180	805	786	2,773	2,585	309	307
Idaho	5.5	5.4	19.4	19.2	39.6	40.0	173	172	1,051	1,038	2,690	2,496	238	244
Wyo.	5.4	7.1	21.9	23.6	39.7	48.1	174	202	812	836	2,772	3,036	282	343
Colo.	6.3	7.3	42.0	49.6	170.7	159.2	293	282	1,955	1,870	3,903	3,977	477	488
N. Mex.	8.8	10.2	30.1	42.7	109.6	111.6	343	364	1,419	1,336	3,009	3,003	260	314
Ariz.	9.5	9.4	34.2	44.2	138.2	162.9	312	336	2,346	2,083	4,467	4,505	440	404
Utah	3.5	3.7	20.3	22.9	68.8	66.5	147	179	1,172	1,187	3,005	3,186	335	334
Nev.	15.8	15.5	49.1	53.9	323.1	359.5	355	352	2,453	2,659	4,213	4,245	559	602
Pac.	9.9	10.1	46.7	48.1	243.7	261.9	326	342	2,014	2,073	3,497	3,530	599	625
Wash.	4.3	4.6	39.6	41.2	106.2	125.0	225	234	1,608	1,767	3,387	3,549	360	395
Oreg.	4.9	5.0	39.9	41.2	124.1	131.1	287	325	1,636	1,617	3,506	3,561	389	395
Calif.	11.5	11.7	49.4	50.8	287.0	306.1	358	374	2,139	2,193	3,500	3,489	664	691
Alaska	10.8	12.9	51.6	55.6	96.8	91.3	284	282	1,332	1,339	3,370	3,604	753	602
Hawaii	7.2	6.7	25.5	25.9	128.0	173.6	64	64	1,912	1,938	3,920	4,358	489	571

¹ Includes District of Columbia, not shown separately.

NO. 294. CRIME RATES FOR VIOLENT CRIMES IN CITIES, BY SIZE GROUP AND FOR SELECTED CITIES: 1970 TO 1978

[Offenses known to the police per 100,000 population. For types of violent crime, see table 295. Rates based on Bureau of the Census population estimates as of July 1, of each year. Minus sign (—) denotes decrease]

CITY-SIZE GROUP ¹ AND CITY	1970	1972	1973	1974	1975	1976	1977	1978	ANNUAL PERCENT CHANGE		
									1970- 1975	1975- 1977	1977- 1978
Cities with population of—											
250,000 or more.....	980	999	1,003	1,108	1,159	1,095	1,070	1,121	3.4	-3.9	4.8
100,000-249,999.....	430	502	545	600	632	573	600	627	7.0	-2.6	4.5
50,000-99,999.....	274	322	372	406	461	416	444	486	10.5	-8.8	9.5
25,000-49,999.....	214	267	295	331	343	338	342	364	9.9	-2.2	6.4
10,000-24,999.....	159	200	221	250	268	254	264	276	11.0	-8.8	4.5
Fewer than 10,000.....	141	204	199	218	232	216	230	245	10.5	-4.4	6.5
Selected cities:											
New York, N.Y.....	1,381	1,525	1,483	1,615	1,781	1,781	1,629	1,694	5.2	-4.4	4.0
Chicago, Ill.....	1,101	1,104	1,168	1,282	1,180	978	935	897	1.4	-11.0	-4.1
Los Angeles, Calif.....	1,062	1,128	1,064	1,069	1,114	1,167	1,209	1,320	1.0	4.2	0.2
Philadelphia, Pa.....	571	785	755	871	867	684	635	656	8.7	-14.4	3.3
Detroit, Mich.....	1,934	1,650	1,681	2,004	2,121	2,226	1,829	1,669	1.9	-7.1	-8.7
Houston, Tex.....	799	627	686	732	650	545	577	730	-4.0	-5.8	26.5
Baltimore, Md.....	2,088	1,869	1,771	1,961	1,882	1,648	1,726	1,875	-2.3	-3.7	8.6
Dallas, Tex.....	906	905	998	866	885	815	1,019	1,134	-1.7	7.3	11.3
Washington, D.C.....	2,227	1,685	1,558	1,603	1,774	1,481	1,427	1,412	-4.5	-10.3	-1.1
Cleveland, Ohio.....	1,060	1,129	1,008	1,358	1,576	1,323	1,475	1,578	8.3	-3.3	7.0
Indianapolis, Ind.....	704	483	505	709	925	888	744	727	5.6	-10.3	-2.3
Milwaukee, Wis.....	211	221	294	402	475	413	396	391	17.6	-8.7	-1.3
San Francisco, Calif.....	1,339	1,144	1,197	1,135	1,364	1,618	1,409	1,596	.4	1.6	13.3
San Diego, Calif.....	285	323	372	473	502	532	560	567	12.0	5.6	1.3
San Antonio, Tex.....	497	510	587	624	549	436	491	422	2.0	-5.4	-14.1

- Represents zero. ¹ Population of cities as estimated by FBI.

NO. 295. CRIME RATES, BY TYPE—POPULATION GROUPS AND SELECTED CITIES: 1978

[Offenses known to the police per 100,000 population. For definitions of crimes, see text, p. 174]

CITY-SIZE GROUP ¹ AND CITY	Crime index total	VIOLENT CRIME					PROPERTY CRIME			
		Total	Mur- der	Forc- ible rape	Rob- bery	Aggra- vated assault	Total	Bur- glary— break- ing or enter- ing	Lar- cen- cy-theft	Motor vehicle theft
Total, 11,627 agencies.....	5,280	508	9.3	32	203	264	4,772	1,471	2,827	474
Total, 7,980 cities.....	6,100	602	10.1	36	263	293	5,497	1,622	3,305	572
Cities with population of—										
250,000 or more.....	7,881	1,121	20.3	65	601	435	6,760	2,215	3,589	956
100,000-249,999.....	7,181	627	16.3	44	244	320	6,554	1,961	3,909	624
50,000-99,999.....	6,162	486	6.0	30	176	273	6,076	1,656	3,488	532
25,000-49,999.....	5,403	304	4.9	23	111	225	5,039	1,363	3,280	416
10,000-24,999.....	4,480	276	4.3	16	69	186	4,205	1,094	2,801	310
Fewer than 10,000.....	4,030	245	3.7	13	42	180	3,785	953	2,602	230
Suburbs, 4,801 agencies ²	4,408	323	5.2	23	89	206	4,175	1,255	2,571	350
Rural areas, 2,714 agencies.....	2,136	185	7.9	15	21	141	1,950	706	1,021	133
Selected cities:										
New York, N.Y.....	7,875	1,694	20.8	54	1,022	507	6,181	2,270	2,763	1,147
Chicago, Ill.....	6,182	897	25.5	43	494	334	5,285	1,107	3,208	070
Los Angeles, Calif.....	8,371	1,320	23.4	89	614	595	7,051	2,507	3,237	1,307
Philadelphia, Pa.....	3,869	656	18.6	38	375	224	3,213	1,016	1,575	622
Detroit, Mich.....	8,538	1,669	38.5	100	949	582	6,869	2,517	2,846	1,506
Houston, Tex.....	8,880	730	32.6	74	405	129	8,150	2,549	4,429	1,172
Baltimore, Md.....	8,886	1,875	25.2	71	1,036	743	7,011	2,020	4,239	751
Dallas, Tex.....	9,930	1,134	26.4	94	440	573	8,796	2,772	5,340	684
Washington, D.C.....	7,559	1,412	28.0	66	940	378	6,148	1,854	3,820	474
Cleveland, Ohio.....	8,291	1,578	34.7	83	1,034	427	6,713	2,316	2,337	2,000
Indianapolis, Ind.....	6,787	727	14.8	66	382	264	6,060	1,702	3,642	716
Milwaukee, Wis.....	5,423	301	7.7	46	104	143	5,032	1,156	3,206	580
San Francisco, Calif.....	10,087	1,590	17.9	89	988	501	9,001	2,741	4,992	1,358
San Diego, Calif.....	8,383	567	8.5	40	317	201	7,816	2,528	4,419	869
San Antonio, Tex.....	6,431	422	16.7	37	170	192	6,009	2,050	3,503	450

¹ Population of cities as estimated by FBI. ² Agencies also included in other city groups.

Source of tables 294 and 295: U.S. Federal Bureau of Investigation, *Uniform Crime Reports for the United States*, annual.

NO. 296. VICTIMIZATION RATES OF CRIMES AGAINST PERSONS, BY RACE AND SEX OF VICTIM, AND RELATIONSHIP OF VICTIM AND OFFENDER: 1973 TO 1977

[Rates per 1,000 persons, 12 years old and over. All figures include attempted crimes. Data based on National Crime Survey; see Appendix III]

YEAR AND CRIME	Total ¹	White	Black	MALE			FEMALE			VICTIM-OFFENDER RELATIONSHIP	
				Total ¹	White	Black	Total ¹	White	Black	Stranger	Non-stranger
1973: Total ²	32	31	41	44	43	53	22	20	32	21	11
Rape.....	1	1	1	(B)	(B)	(B)	2	2	3	1	(Z)
Robbery:											
With injury.....	2	2	5	3	3	7	1	1	3	2	(Z)
Without injury.....	4	4	8	7	6	12	2	2	5	4	1
Aggravated assault.....	10	9	16	15	14	23	5	5	10	6	4
Simple assault.....	15	15	11	19	20	11	11	11	12	9	6
Personal larceny.....	91	92	83	103	104	97	80	82	70	(NA)	(NA)
1975: Total ²	33	31	43	44	42	53	23	21	34	21	11
Rape.....	1	1	1	(B)	(B)	(B)	2	2	2	1	(Z)
Robbery:											
With injury.....	2	2	5	3	3	8	1	1	3	2	(Z)
Without injury.....	5	4	9	7	6	14	3	3	5	4	1
Aggravated assault.....	10	9	14	14	14	19	5	5	11	6	3
Simple assault.....	16	16	13	20	21	12	12	12	14	9	7
Personal larceny.....	96	97	90	108	108	110	85	87	73	(NA)	(NA)
1977: Total ²	34	33	42	46	45	57	22	22	29	21	13
Rape.....	1	1	1	(B)	(B)	(B)	2	2	2	1	(B)
Robbery:											
With injury.....	2	2	5	3	3	8	1	1	3	2	1
Without injury.....	4	4	8	6	5	12	3	2	5	3	1
Aggravated assault.....	10	10	14	15	15	20	5	4	9	6	4
Simple assault.....	17	17	14	22	23	18	12	12	11	10	7
Personal larceny.....	97	98	90	108	108	105	87	89	78	(NA)	(NA)

B Rate not shown because estimated number of victimizations too small to be statistically reliable.

NA Not available. Z Less than .5. ¹Includes races not shown separately. ²Excludes personal larceny.

NO. 297. VICTIMIZATION RATES OF CRIMES AGAINST HOUSEHOLDS: 1974 TO 1977

[Rates per 1,000 households. Includes attempted offenses. Data based on National Crime Survey; see Appendix III; for further details, see source. For definitions of crimes, see text, p. 174]

HOUSEHOLD CHARACTERISTIC	BURGLARY			LARCENY			MOTOR VEHICLE THEFT		
	Total ¹	White	Black	Total ¹	White	Black	Total ¹	White	Black
1974									
All households.....	93	88	135	123	125	112	19	18	26
Homeowner.....	76	72	117	114	114	110	15	14	27
Renter.....	123	118	150	140	145	114	26	27	25
Households with income of—									
Under \$7,500.....	98	90	136	107	107	104	15	15	15
\$7,500-\$14,999.....	86	82	142	139	141	121	20	19	38
\$15,000 and over.....	100	99	139	137	136	157	23	21	67
1975									
All households.....	92	87	129	125	126	114	19	19	27
Homeowner.....	78	76	99	116	115	118	16	15	27
Renter.....	116	109	153	142	148	111	26	26	27
Households with income of—									
Under \$7,500.....	102	94	134	112	113	98	15	14	15
\$7,500-\$14,999.....	84	80	129	137	137	135	22	20	42
\$15,000 and over.....	91	90	113	136	136	151	23	22	48
1977									
All households.....	89	84	122	123	124	116	17	16	21
Homeowner.....	74	72	102	113	112	116	14	13	23
Renter.....	115	110	139	142	148	116	23	24	20
Households with income of—									
Under \$7,500.....	102	94	129	109	110	103	12	13	8
\$7,500-\$14,999.....	86	81	134	135	134	142	17	16	28
\$15,000 and over.....	27	23	104	135	136	130	22	20	56

¹ Includes other races not shown separately.

Source of tables 296 and 297: U.S. Law Enforcement Assistance Administration, *Criminal Victimization in the United States*, annual.

No. 298. HOMICIDE VICTIMS AND SUICIDES, BY RACE AND SEX: 1950 TO 1977

[Rates per 100,000 resident population in specified group. See also *Historical Statistics, Colonial Times to 1970*, series H 971-986. Includes items not shown in FBI Crime Index]

YEAR	HOMICIDE VICTIMS					SUICIDES				
	Total	White		Black and other		Total	White		Black and other	
		Male	Female	Male	Female		Male	Female	Male	Female
NUMBER										
1950	7,942	2,586	952	3,503	901	17,145	12,755	3,713	542	135
1955	7,418	2,439	922	3,191	866	16,760	12,430	3,662	531	137
1960	8,464	2,832	1,154	3,437	1,041	19,041	13,825	4,296	714	206
1965	10,712	3,660	1,370	4,488	1,185	21,507	14,624	5,718	866	299
1968	14,686	5,108	1,700	6,417	1,463	21,372	14,520	5,692	859	301
1969	15,477	5,215	1,801	6,951	1,510	22,304	14,886	6,152	971	355
1970	16,848	5,865	1,938	7,413	1,632	23,480	15,591	6,468	1,038	383
1971	18,787	6,455	2,106	8,357	1,869	24,092	15,802	6,775	1,058	457
1972 ¹	19,638	6,820	2,166	8,822	1,840	25,004	16,476	6,788	1,292	448
1973	20,465	7,411	2,575	8,429	2,050	25,118	16,823	6,689	1,285	421
1974	21,465	7,992	2,666	8,755	2,062	25,683	17,263	6,600	1,332	428
1975	21,310	8,222	2,751	8,331	2,006	27,063	18,206	6,967	1,416	474
1976	19,554	7,508	2,547	7,574	1,865	26,832	17,996	6,858	1,497	481
1977	19,968	7,951	2,787	7,404	1,826	28,081	19,531	7,048	1,578	524
RATE²										
1950	5.2	3.8	1.4	44.2	10.9	11.3	19.0	5.5	6.8	1.6
1955	4.5	3.4	1.2	36.0	9.3	10.2	17.1	4.9	6.0	1.5
1960	4.7	3.6	1.4	34.3	9.8	10.6	17.6	5.3	7.1	1.9
1965	5.5	4.4	1.6	40.4	10.0	11.1	17.5	6.6	7.8	2.5
1968	7.4	6.0	1.9	55.1	11.6	10.7	17.0	6.4	7.4	2.4
1969	7.7	6.1	2.0	58.7	11.7	11.1	17.3	6.8	8.2	2.7
1970	8.3	6.7	2.1	61.4	12.4	11.5	17.9	7.1	8.6	2.9
1971	9.1	7.3	2.3	67.7	13.9	11.7	17.9	7.3	8.6	3.4
1972 ¹	9.4	7.7	2.3	70.1	13.4	12.0	18.5	7.3	10.3	3.3
1973	9.8	8.3	2.8	65.8	14.6	12.0	18.8	7.0	10.0	3.0
1974	10.2	8.9	2.8	67.1	14.5	12.1	18.2	7.1	10.2	3.0
1975	10.0	9.1	2.9	62.6	13.8	12.7	20.1	7.4	10.6	3.3
1976	9.1	8.3	2.7	55.8	12.5	12.5	19.8	7.2	11.0	3.2
1977	9.2	8.7	2.9	53.6	12.0	13.3	21.4	7.3	11.4	3.5

¹ Based on a 50-percent sample of deaths.

² Rate based on enumerated population figures of April 1 for 1950; July 1 estimates for other years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 299. VICTIMIZATION RATES OF CRIMES IN SELECTED CITIES: 1974-1975

[For 12 months preceding surveys made in March-May 1975, except as noted. See headnote, table 296]

CITY	RATES PER 1,000—										
	Persons ¹					Households			Commercial establishments		
	Total	Rape	Robbery	Assault		Personal larceny	Burglary	Household larceny	Motor vehicle theft	Burglary	
				Aggravated	Simple						
Atlanta, Ga.	44	2	17	12	11	93	158	117	24	519	123
Baltimore, Md.	78	2	35	21	20	105	118	124	42	465	123
Chicago, Ill. ²	61	2	29	16	14	91	122	86	38	334	137
Cleveland, Ohio	67	2	27	20	17	85	137	106	73	354	94
Dallas, Tex.	48	2	12	17	17	116	161	178	23	424	55
Denver, Colo.	71	3	19	23	27	134	166	187	40	435	79
Detroit, Mich. ²	77	2	37	21	18	91	154	107	70	640	221
Los Angeles, Calif. ²	59	2	18	17	22	119	149	145	39	306	64
New York, N.Y. ²	43	1	24	9	10	65	77	46	28	291	101
Newark, N.J.	38	2	23	8	6	45	98	49	40	506	106
Philadelphia, Pa. ²	49	1	21	13	13	85	91	83	36	419	102
Portland, Oreg.	71	4	16	22	30	143	174	188	37	419	67
St. Louis, Mo.	48	1	19	14	14	92	135	94	46	410	144

¹ 12 years old and over. ² For 12 months preceding surveys made in first quarter of 1975.

Source: U.S. Law Enforcement Assistance Administration, *Criminal Victimization Surveys in Eight American Cities: 1971-72 vs. 1974-76*; and *Criminal Victimization Surveys in Chicago, Detroit, Los Angeles, New York, Philadelphia: A Comparison of 1972 and 1974 Findings*.

No. 300. HOMICIDE AND SUICIDE RATES, SELECTED COUNTRIES: 1974 TO 1976

[Homicide rates per 100,000 population of all ages, suicide rates per 100,000 population 15 years old and over]

COUNTRY	HOMICIDES						SUICIDES					
	1974, total			1975			1974, total			1975		
	Total	Male	Fe-male	Total	Male	Fe-male	Total	Male	Fe-male	Total	Male	Fe-male
United States.....	10.2	10.0	16.0	4.4	9.1	14.5	4.0	12.1	16.9	25.5	8.9	16.4
Australia.....	1.8	1.6	2.1	1.2	2.0	2.5	1.6	11.7	15.2	20.9	9.5	14.8
Austria.....	1.5	1.6	2.1	1.3	1.3	1.4	1.1	23.7	31.3	47.4	17.6	29.2
Belgium.....	1.0	.9	1.3	.5	.9	1.0	.9	15.6	20.8	27.4	14.6	21.2
Canada.....	2.5	2.7	3.6	1.8	(NA)	(NA)	(NA)	12.9	16.8	24.5	9.2	(NA)
Denmark.....	.7	.6	.5	.7	.7	.6	.8	26.0	31.1	38.8	23.6	30.7
Finland.....	2.6	3.6	5.8	1.6	(NA)	(NA)	(NA)	25.1	31.9	52.6	13.2	(NA)
France.....	.9	1.0	1.3	.7	.9	1.2	.6	15.6	20.5	30.0	11.5	20.4
Germany, Fed. Rep.	1.2	1.2	1.4	1.0	1.3	1.4	1.1	21.0	26.4	35.8	18.2	27.2
Greece.....	.6	.8	1.2	.4	.7	.9	.4	3.4	3.6	4.6	2.6	3.6
Ireland.....	.7	1.0	1.3	.6	(NA)	(NA)	(NA)	3.8	6.9	9.7	4.1	(NA)
Israel.....	1.0	1.3	1.7	.8	1.4	1.9	.9	5.5	11.9	13.8	10.0	11.8
Japan.....	1.3	1.3	1.6	1.0	1.3	1.5	1.0	17.5	23.6	28.5	18.9	23.1
Netherlands.....	.8	.7	1.0	.4	.8	1.0	.6	9.2	11.9	14.5	9.3	12.5
Norway.....	.6	.7	.9	.5	.7	.9	.6	10.4	12.8	18.6	7.2	14.1
Philippines.....	1.3	1.4	2.5	.3	(NA)	(NA)	(NA)	1.2	1.5	1.7	1.4	(NA)
Poland.....	.9	1.0	1.3	.8	1.2	1.7	.8	11.3	14.7	25.6	4.8	15.7
Portugal.....	1.3	1.9	3.4	.5	(NA)	(NA)	(NA)	8.5	11.6	18.9	5.5	(NA)
Puerto Rico.....	17.7	16.1	29.3	3.5	(NA)	(NA)	(NA)	7.7	11.8	20.7	3.6	(NA)
Spain.....	.4	.6	1.0	.3	(NA)	(NA)	(NA)	4.0	5.3	8.3	2.7	(NA)
Sweden.....	1.2	1.1	1.5	.8	1.3	1.5	1.0	20.1	24.4	35.2	13.8	23.8
Switzerland.....	1.0	.9	1.0	.9	.9	.9	.9	20.6	28.8	42.3	16.4	28.1
United Kingdom:												
England ¹	1.0	1.0	1.2	.8	1.1	1.2	1.0	7.9	9.7	12.0	7.6	10.0
Northern Ireland.....	13.6	11.4	20.8	2.3	13.7	24.2	3.3	4.0	5.1	6.8	3.6	6.2
Scotland.....	1.2	1.5	2.1	.9	1.9	2.9	1.1	8.4	10.8	12.1	9.6	10.8

NA Not available. ¹ Jewish population. ² Includes Wales.

Source: World Health Organization, Geneva, Switzerland, unpublished data.

No. 301. HOMICIDE VICTIMS AND SUICIDES: 1960 TO 1977

[Beginning 1970, excludes deaths of nonresidents of the United States. Prior to 1970, causes of death classified according to seventh revision of *International Classification of Diseases, Adapted for Use in the United States*; thereafter, to eighth revision. See also *Historical Statistics, Colonial Times to 1970*, series H 971-980]

ITEM	1960, total	1965, total	1970		1974		1975		1976		1977	
			Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male
Homicides.....	8,464	10,712	13,278	3,570	16,747	4,718	16,553	4,757	15,142	4,412	15,355	4,613
Assault by—												
Firearms.....	4,627	6,168	9,209	2,004	12,053	2,684	11,729	2,566	10,452	2,314	10,520	2,354
Percent of total.....	54.7	57.5	69.4	56.1	72.0	56.9	70.9	53.9	69.0	52.4	68.5	51.0
Cutting and piercing instruments.....	1,836	2,292	2,229	551	2,610	756	2,598	764	2,583	721	2,747	705
Other means.....	1,700	1,984	1,512	1,010	1,715	1,272	1,897	1,420	1,818	1,372	1,821	1,462
Intervention of police.....	245	271	328	5	369	6	329	7	289	5	266	2
Execution.....	56	7	—	—	—	—	—	—	—	1	—	—
Infanticides ¹	199	213	80	70	78	88	102	76	88	82	96	81
Suicides.....	19,041	21,507	16,629	6,851	18,595	7,088	19,622	7,441	19,493	7,393	21,109	7,572
Firearms ²	9,017	9,898	9,704	2,068	11,813	2,532	12,185	2,688	12,128	2,600	13,342	2,742
Percent of total.....	47.4	46.0	58.4	30.2	63.5	35.7	62.1	36.1	62.2	35.4	63.2	36.2
Poisoning ²	4,330	5,995	3,299	3,285	2,944	3,049	3,297	3,129	3,076	3,068	3,340	3,147
Hanging and strangulation.....	3,366	3,197	2,422	831	2,661	816	2,815	846	2,834	855	2,982	848
Other.....	2,328	2,417	1,204	667	1,177	691	1,325	778	1,455	816	1,445	835

¹ Represents zero. ¹ Included above; homicide victims under 1 year of age.² Includes explosives. ³ Includes solids, liquids, and gases.Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 302. U.S. SUICIDE RATES, BY SEX, RACE, AND AGE GROUPS: 1970 TO 1977
 [Rates per 100,000 population in specified group, 5 years old and over. Excludes deaths of nonresidents of U.S.]

AGE	MALE								FEMALE							
	White				Black and other				White				Black and other			
	1970	1975	1976	1977	1970	1975	1976	1977	1970	1975	1976	1977	1970	1975	1976	1977
All ages	18.0	20.1	19.8	21.4	8.5	10.6	11.0	11.4	7.1	7.4	7.2	7.3	2.9	3.3	3.2	3.5
5-14 yr.	.5	.8	.7	1.0	.2	.1	.3	.4	.1	.2	.2	.2	.2	.2	.4	.4
15-24 yr.	13.9	19.6	19.2	22.9	11.3	14.4	14.7	15.5	4.2	4.9	5.5	4.1	3.9	4.0	4.0	4.0
25-34 yr.	19.9	24.4	23.7	26.7	19.8	24.6	22.8	25.7	9.0	8.9	8.6	9.3	5.8	6.5	6.5	6.8
35-44 yr.	23.3	24.5	23.6	24.7	12.6	16.0	16.8	16.0	13.0	12.6	11.0	11.2	4.3	4.9	4.7	5.1
45-54 yr.	29.5	29.7	27.7	27.3	14.1	12.8	13.5	11.7	13.5	13.8	13.8	13.6	4.5	4.5	4.3	5.2
55-64 yr.	35.0	32.1	31.6	30.9	10.5	11.5	12.3	13.3	12.3	11.7	12.1	11.2	2.2	4.1	2.8	4.4
65 and over	41.1	39.4	39.7	41.3	10.8	11.8	14.5	12.2	8.5	8.5	8.3	8.3	3.6	3.0	3.2	2.3

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 303. MURDER VICTIMS, BY WEAPONS USED OR CAUSE: 1970 TO 1978

[Based solely on police investigation. See text, p. 174, for definition of murder]

YEAR	Murder victims, total	WEAPONS USED OR CAUSE OF DEATH							
		Guns		Cutting or stabbing		Blunt object ¹	Strangulations, beatings	Arson	All other ²
		Total	Percent	Total	Percent				
1970	13,649	9,030	66.2	2,424	17.8	604	1,031	353	198
1972	15,832	10,370	65.6	2,974	18.8	672	1,291	331	185
1978	17,123	11,249	65.7	2,985	17.4	848	1,445	173	423
1974	18,682	12,474	67.9	3,228	17.3	976	1,417	153	384
1975	18,642	12,061	65.8	3,245	17.4	1,001	1,646	193	496
1976	16,605	10,592	63.8	2,956	17.8	806	1,330	227	694
1977	18,033	11,274	62.5	3,440	19.1	849	1,431	252	787
1978	18,714	11,910	63.6	3,526	18.8	896	1,422	255	705

¹ Refers to club, hammer, etc. ² Includes poison, explosives, unknown, and not stated; for 1973 to 1978, includes drownings. ³ Includes drownings etc.

No. 304. PERCENT OF FIREARMS USAGE IN THE COMMISSION OF SELECTED CRIMES, BY REGION: 1975 TO 1978

[For definitions of crimes, see text, p. 174. For composition of regions, see fig. I, inside front cover]

REGION	MURDER ¹				AGGRAVATED ASSAULT				ROBBERY			
	1975	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978
U.S., total	65.8	63.8	62.5	63.6	24.9	23.6	23.2	22.4	44.8	42.7	41.6	40.3
Northeast	51.3	49.2	50.8	51.7	17.6	15.9	15.1	14.1	32.7	31.4	30.9	29.9
North Central	70.7	66.4	65.7	67.2	28.5	26.8	25.6	23.3	52.7	50.9	48.6	46.5
South	72.7	71.2	69.3	69.5	29.2	27.6	26.9	26.9	53.4	49.5	48.0	47.7
West	59.0	55.4	56.0	57.2	22.3	22.1	22.5	21.8	44.4	44.3	43.0	43.1

¹ Includes nonnegligent manslaughter.

Source of tables 303 and 304: U.S. Federal Bureau of Investigation, *Uniform Crime Reports for the United States*, annual.

No. 305. POLITICAL ASSASSINATIONS AND ASSAULTS: 1835 TO 1972

[Rates per 1 million population. Assault defined as any attack on persons holding political office or any individuals or groups of individuals for political reasons. For composition of regions, see fig. I, inside front cover]

REGION	Number	Rate	PERIOD	Number	Rate	PERIOD	Number	Rate
U.S., 1835-1968	81	(x)	1835-1864	3	(z)	1935-1944	4	.03
Northeast	7	.02	1865-1894	43	.03	1945-1954	11	.07
Southeast	28	.18	1895-1924	12	(z)	1955-1972	6	.03
North Central	11	.03	1925-1934	3	.02			
South Central	25	.13						
West	10	.10						

X Not applicable. Z Less than .005 percent. ¹ Includes 5 Congressmen shot in 1954 in a single attack.

Source: National Commission on the Causes and Prevention of Violence, *Task Force Report on Assassinations*, 1969, and unpublished data.

NO. 306. LAW ENFORCEMENT OFFICERS KILLED, BY GEOGRAPHIC DIVISIONS: 1960 TO 1978

[Covers officers killed in line of duty; beginning 1972, includes Federal officers. For composition of divisions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series H 987-998]

DIVISION	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total killed	48	83	146	181	157	176	179	185	140	123	146
(NA)	53	100	129	116	134	132	129	111	93	93	93
By felons	(NA)	30	48	52	41	42	47	56	29	30	53
In accidents											
New England	3	3	2	5	2	7	2	4	2	4	4
Middle Atlantic	7	10	29	31	22	21	18	24	15	12	13
East North Central	9	10	38	32	23	21	43	32	19	10	13
West North Central	3	3	6	13	12	8	8	11	14	11	11
South Atlantic	13	15	23	28	38	37	42	31	34	31	23
East South Central	2	9	5	13	12	13	12	18	14	11	16
West South Central	6	14	15	23	27	30	23	22	21	21	30
Mountain	-	7	4	11	7	16	9	14	4	3	7
Pacific	5	12	24	22	12	21	18	22	13	15	25
Puerto Rico	(NA)	(NA)	(NA)	3	2	4	4	8	4	1	4

¹ Represents zero. NA. Not available. ² Includes one officer each in Virgin Islands and Guam.

³ Includes one officer in Colombia. ⁴ Includes one officer in Virgin Is. and 2 FBI agents accidentally killed.

NO. 307. SELECTED CRIMES, BY TYPE: 1978

TYPE OF CRIME	Of-fenses (1,000)	PERCENT		Aver-age value lost (dol.)	TYPE OF CRIME	Of-fenses (1,000)	PERCENT		Aver-age value lost (dol.)
		Change from 1977 ¹	Inci-dence, 1978				Change from 1977 ¹	Inci-dence, 1978	
Robbery, total ²	394	5.0	100.0	434	Larceny—theft, total	5,676	1.1	100.0	219
Highway	185	8.6	47.1	311	Pocket picking	63	9.5	1.1	152
Commercial house	57	3.7	14.4	524	Purse snatching	85	3.0	1.5	114
Gas station	22	3.8	5.6	231	Shoplifting	650	4.3	11.4	49
Chain store	28	3.2	7.0	461	From motor vehicles	966	2.1	17.0	254
Residence	44	2.7	11.3	746	Motor vehicle acces-sories	1,087	-5.4	19.1	139
Bank	5	20.2	1.2	2,866	Bicycles	607	-4.0	10.7	96
Burglary, total	2,929	2.1	100.0	52.6	From buildings	945	3.1	16.7	337
Residence, night	645	-2.5	22.0	498	From coin-operated machines	57	.6	1.0	95
Residence, day	770	5.4	26.3	566	All other	1,216	5.9	21.4	340
Residence ³	479	1.6	16.4	574					
Nonresidence, night	594	.5	20.3	471					
Nonresidence, day	160	5.1	5.5	444					
Nonresidence ³	282	7.7	9.6	559					

¹ Minus sign (-) denotes decrease. ² Includes types not shown separately.

³ Unknown.

NO. 308. OFFENSES, CLEARANCES, AND ARRESTS, BY TYPE OF CRIME: 1970 TO 1977

[Covers crimes constituting "FBI Crime Index". Excludes pending cases]

ITEM	1970		1974		1975		1976		1977	
	Viol-ent crime	Prop-erty crime	Viol-ent crime	Prop-erty crime	Viol-ent crime	Prop-erty crime	Viol-ent crime	Prop-erty crime	Viol-ent crime	Prop-erty crime
Cities represented—number	2,221		1,496		2,198		2,559		1,847	
FBI estimated population.mil.	60		32		33		35		30	
Offenses known	1,000	209	2,716	173	1,744	145	1,792	116	1,740	114
Offenses cleared	1,000	101	479	85	340	72	334	66	334	60
Percent cleared		48.2	17.6	48.9	19.5	49.8	18.6	56.6	19.2	52.9
Total arrests	1,000	89	472	58	314	59	325	50	315	43
Per 100 offenses		42.7	17.4	33.3	18.0	40.5	18.1	42.9	18.1	39.4
Persons charged	1,000	83	406	55	282	56	298	47	284	43
Per 100 offenses		39.7	15.0	31.5	16.2	38.4	16.6	40.7	16.3	16.8
Guilty as charged	1,000	20	119	18	83	14	92	15	95	13
Per 100 offenses		9.6	4.4	7.4	4.8	10.0	5.1	12.5	5.5	11.5
Guilty of lesser offenses	1,000	7	16	5	10	3	8	3	9	3
Per 100 offenses		3.4	.6	2.7	.6	2.2	.4	2.7	.5	2.9
Acquitted or dismissed	1,000	18	47	12	34	12	33	10	34	9
Per 100 offenses		8.7	1.7	7.1	1.9	8.0	1.9	8.7	1.9	1.7
Referred to juvenile court	1,000	16	154	9	102	9	113	8	102	7
Per 100 offenses		7.5	5.7	5.1	5.8	6.4	6.3	5.9	6.3	6.2

Source of tables 306-308: U.S. Federal Bureau of Investigation, *Uniform Crime Reports for the United States*, annual; and unpublished data.

No. 309. PERSONS ARRESTED—RACE, SEX, AND AGE: 1970 TO 1978

[See also *Historical Statistics, Colonial Times to 1970*, series H 999-1011]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978
Agencies reporting	5,208	5,610	6,114	5,914	5,222	7,993	10,058	10,864	11,852
Population represented—mil.	142	147	151	145	124	169	173	197	207
Persons arrested ¹	1,000	6,257	6,626	6,707	6,248	5,853	7,671	7,384	8,972
White	1,000	4,373	4,624	4,664	4,459	4,112	5,539	5,337	6,420
Percent of total		69.9	69.8	69.5	71.4	70.3	72.2	72.3	67.93
Black	1,000	1,688	1,791	1,848	1,636	1,562	1,935	1,870	2,308
Other	1,000	196	211	195	153	179	197	177	235
SEX AND AGE									
Agencies reporting	5,270	5,649	6,195	6,004	5,298	8,051	10,119	10,904	11,872
Population represented—mil.	152	155	160	155	134	179	175	198	207
Persons arrested ¹	1,000	6,570	6,967	7,013	6,500	6,179	8,014	7,912	9,029
Male	1,000	5,624	5,923	5,956	5,602	5,185	6,752	6,672	7,581
Percent of total		85.6	85.0	84.9	84.6	83.9	84.3	84.3	84.2
Percent under 18 yr. old		23.2	23.6	23.3	24.4	26.4	25.5	23.3	22.5
Female	1,000	947	1,044	1,057	998	994	1,262	1,240	1,448
Percent of total		14.4	15.0	15.1	15.4	16.1	15.7	15.7	15.8
Percent under 18 yr. old		37.5	38.4	38.4	37.6	36.1	35.5	33.5	32.2
Under 18 years	1,000	1,661	1,797	1,794	1,717	1,683	2,078	1,973	2,170
Percent of total		25.3	25.8	25.6	26.4	27.2	25.9	24.9	24.0
18-24 years	1,000	1,785	1,935	1,958	1,869	1,886	2,482	2,517	2,920
25-34 years	1,000	1,128	1,203	1,270	1,179	1,140	1,546	1,589	1,887
35-44 years	1,000	887	900	884	768	664	870	857	970
45-54 years	1,000	685	697	681	597	500	644	604	665
55 and over	1,000	425	430	413	360	299	386	367	409

¹ Represents each person arrested rather than number of charges filed against each. Includes persons for whom age was not known, not shown separately in breakdown by age.

No. 310. ARRESTS—NUMBER, BY SEX AND AGE: 1974 AND 1978

[In thousands, except percent. Represents arrests reported by 7,056 agencies with a total 1978 population of 153,356,000 as estimated by FBI. Represents persons arrested, not charges]

PERSONS ARRESTED, BY CHARGE	MALE			FEMALE			PERCENT UNDER 18 YEARS OLD			
	1974	1978		1974	1978		Male	Female	1974	1978
		Total	Under 18 yr.		Total	Under 18 yr.				
Total persons arrested	5,913.4	5,695.2	1,342.8	1,076.5	1,143.2	368.3	25.3	23.6	37.8	32.2
Serious crimes	1,273.9	1,261.9	542.1	305.7	334.5	126.4	46.0	43.0	43.1	37.8
Murder ¹	12.6	10.9	1.1	2.2	1.9	.1	10.6	9.9	5.3	6.1
Forcible rape	18.3	19.7	3.2	.2	.2	.1	19.4	16.1	36.7	35.9
Robbery	96.3	84.6	26.7	6.9	6.6	2.0	32.5	31.5	33.3	29.5
Aggravated assault	140.5	151.7	24.7	21.0	22.2	4.3	17.1	16.3	21.3	19.5
Burglary—breaking or entering	352.4	330.4	176.4	20.4	22.1	11.5	54.1	53.4	52.3	52.3
Larceny—theft	548.4	564.8	258.0	247.6	271.8	102.6	50.2	45.7	44.4	37.8
Motor vehicle theft	105.4	99.9	52.1	7.4	9.7	5.8	57.0	52.1	59.0	59.5
All other:										
Other assaults	254.4	282.6	52.9	40.6	45.8	13.4	18.7	18.7	30.8	29.3
Forgery and counterfeiting	31.9	35.0	5.2	12.8	16.4	2.3	13.3	14.8	14.1	14.0
Fraud	74.5	84.3	3.3	37.4	55.9	1.4	5.3	3.9	3.1	2.5
Embezzlement	3.8	3.9	.5	.9	1.4	.1	9.8	13.8	10.6	12.8
Stolen property ²	71.1	68.8	25.1	8.3	8.9	2.5	36.5	36.5	29.0	27.5
Weapons (carrying, possessing)	116.0	101.5	17.2	9.9	8.7	1.1	16.8	16.9	11.7	12.4
Prostitution and commercial vice	12.9	22.4	.9	39.0	46.6	2.0	5.8	4.2	4.0	4.3
Sex offenses ³	42.5	43.7	8.2	3.8	4.1	.8	22.0	18.7	37.0	20.4
Drug abuse violations	451.2	372.1	90.5	74.7	62.4	18.6	25.8	24.3	32.2	29.8
Gambling	49.4	37.5	1.5	4.8	3.7	.1	4.4	4.0	1.9	2.0
Offenses against family and children	43.3	32.0	1.4	5.4	4.0	.8	5.9	4.2	25.8	19.4
Driving while intoxicated	724.5	800.3	17.7	61.5	78.1	2.0	1.6	2.2	1.5	2.6
Liquor laws	186.3	227.8	78.1	32.7	41.2	22.4	38.9	34.3	55.4	54.4
Drunkenness	1,024.3	749.2	26.8	79.2	60.6	4.5	3.0	3.6	5.9	7.5
Disorderly conduct	448.7	452.6	88.5	73.8	87.8	17.2	21.1	18.5	26.5	19.6
Vagrancy	34.7	18.9	3.3	5.5	6.7	.7	13.7	17.3	16.8	10.4
All other offenses, except traffic	745.6	818.8	174.0	144.5	165.6	48.9	25.3	21.2	36.5	29.5

¹ Includes nonnegligent manslaughter. ² Buying, receiving, possessing.

³ Excludes forcible rape and prostitution, shown separately.

Source of tables 309 and 310: U.S. Federal Bureau of Investigation, *Uniform Crime Reports for the United States*, annual.

NO. 311. ARRESTS—SELECTED CHARACTERISTICS OF PERSONS CHARGED: 1978

[Represents persons arrested (not charges) reported by 11,872 agencies with a total 1978 population of 207 million as estimated by FBI]

PERSONS ARRESTED, BY CHARGE	Total (1,000)	PERCENT							
		Male	Under 15 yr. old	Under 18 yr. old	18-24 yr. old	25-44 yr. old	45-54 yr. old	55-64 yr. old	
Total arrests	9,775	84.2	7.4	23.3	33.3	32.2	6.8	3.2	1.0
Serious crimes	2,169	80.1	15.4	40.5	31.8	22.4	3.1	1.4	.7
Murder and nonnegligent manslaughter	19	85.9	1.3	9.3	34.1	44.5	7.4	3.1	1.5
Forcible rape	28	99.1	3.9	16.0	37.9	40.6	3.8	1.2	.4
Robbery	141	93.0	9.2	34.0	41.4	22.9	1.3	.8	.1
Aggravated assault	258	87.3	4.5	16.0	33.1	40.8	6.4	2.6	1.0
Burglary ¹	456	93.9	19.3	51.6	32.3	14.5	1.1	.3	.1
Larceny—theft	1,084	68.3	18.0	42.0	29.8	21.6	3.6	1.9	1.0
Motor vehicle theft	153	91.7	13.1	50.6	31.9	15.6	1.4	.4	.1
All other:									
Other assaults	445	86.3	6.4	18.5	33.3	39.5	5.8	2.1	.7
Arson	18	87.8	28.3	48.4	23.8	22.2	3.7	1.4	.5
Forgery and counterfeiting	73	70.3	2.3	13.6	39.8	41.4	3.9	.9	.2
Fraud	249	63.2	2.8	7.6	31.6	52.3	6.2	1.8	.5
Embezzlement	8	74.9	2.4	11.9	35.0	44.0	6.6	2.1	.2
Stolen property ²	112	89.0	9.8	33.4	37.4	25.0	2.9	1.0	.3
Vandalism	223	91.6	29.8	57.3	25.2	14.8	1.7	.6	.2
Weapons (carrying, etc.)	150	92.3	3.7	15.8	35.8	38.3	6.4	2.7	1.0
Prostitution and commercialized vice	89	32.3	.7	4.7	58.3	32.7	2.7	1.1	.4
Sex offenses ³	66	92.1	6.7	18.0	29.0	40.3	7.6	3.6	1.4
Drug abuse violations	597	86.3	3.5	23.7	49.8	24.8	1.3	.3	.1
Gambling	53	91.3	.6	4.0	17.9	44.7	18.2	10.3	4.8
Offenses against family and children	54	89.8	2.3	5.3	32.3	53.7	6.5	1.6	.4
Driving while intoxicated	1,205	91.6	(Z)	2.3	29.8	46.7	13.0	6.3	1.7
Liquor laws	357	85.3	2.7	35.5	45.6	13.2	3.1	1.7	.6
Drunkenness	1,117	92.6	.4	3.9	25.1	41.6	17.1	9.5	2.8
Disorderly conduct	679	83.9	5.2	18.3	39.6	32.6	5.9	2.5	1.0
Vagrancy	47	70.6	4.2	14.0	41.4	33.9	6.6	3.0	1.1
Suspicion	22	86.6	9.2	28.4	39.0	26.9	3.5	1.3	.0
Curfew, loitering (juveniles)	79	78.4	26.2	100.0	(X)	(X)	(X)	(X)	(X)
Runaways (juveniles)	173	42.6	40.4	100.0	(X)	(X)	(X)	(X)	(X)
All other offenses, except traffic	1,789	85.5	5.4	19.1	36.7	34.9	6.1	2.4	.7

X Not applicable. Z Less than .05 percent. ¹ Breaking or entering.

² Buying, receiving, possessing. ³ Excludes forcible rape and prostitution, shown separately.

NO. 312. ARRESTS—NUMBER, BY CHARGE AND RACE: 1978

[In thousands. Represents arrests reported by 11,852 agencies with a total 1978 population of 207 million as estimated by FBI. Represents persons arrested, not charges]

PERSONS ARRESTED, BY CHARGE	Total	White	Black	Other	PERSONS ARRESTED, BY CHARGE	Total	White	Black	Other
Total	9,688	6,792.9	2,562.5	332.6	All other—Con.:				
Serious crimes	2,161	1,362.4	732.1	66.3	Stolen property ²	112	71.4	37.1	3.2
Murder and nonnegligent manslaughter	19	8.7	9.2	.7	Weapons (carrying, etc.)	149	86.7	56.8	5.1
Forcible rape	28	13.6	13.6	.9	Prostitution and commercialized vice	89	40.0	47.2	2.1
Robbery	141	53.3	82.9	5.0	Sex offenses ³	65	49.1	14.3	1.9
Aggravated assault	257	148.2	100.1	8.7	Drug abuse violations	592	452.7	127.3	12.2
Burglary ¹	483	328.7	140.4	14.3	Gambling	53	14.1	36.7	2.2
Larceny—theft	1,080	705.3	344.5	30.2	Offenses against family and children	54	34.8	18.1	1.0
Motor vehicle theft	152	104.6	41.4	6.4	Driving, intoxicated	1,160	979.4	148.4	32.2
All other:					Liquor laws	353	316.0	26.1	10.6
Other assaults	444	284.0	147.4	12.1	Drunkenness	1,112	876.5	200.6	34.7
Forgery and counterfeiting	73	48.0	23.7	1.3	Disorderly conduct	677	433.2	215.7	28.0
Embezzlement, fraud	256	164.4	88.2	3.8	Vagrancy	47	27.8	18.2	.9
					Other, except traffic	2,292	1,552.5	624.7	122.0

¹ Breaking or entering. ² Buying, receiving, possessing. ³ See footnote 3, table 311.

Source of tables 311 and 312: U.S. Federal Bureau of Investigation, *Uniform Crime Reports for the United States*, 1978.

**NO. 313. CRIMINAL JUSTICE SYSTEM—PUBLIC EXPENDITURES AND EMPLOYMENT,
BY LEVEL OF GOVERNMENT: 1970 TO 1977**

[Expenditures are for fiscal years closing during the 12 months ending June 30. Employment as of October. Expenditures are direct expenditures only and on cash flow basis. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 1012-1027]

LEVEL OF GOVERNMENT AND ACTIVITY	EXPENDITURES (mil. dol.)						FULL-TIME EQUIVALENT EMPLOYMENT					
	1970	1973	1974	1975	1976	1977	Total ¹ (1,000)			Rate ²		
							1970	1975	1977	1970	1975	1977
All governments	\$ 8,571	\$ 13,051	\$ 14,954	\$ 17,249	\$ 19,681	\$ 21,574	775	\$ 1,051	\$ 1,182	38.0	\$ 49.3	\$ 52.3
Police	5,080	7,624	8,512	9,786	11,028	11,865	489	625	645	24.0	29.3	29.8
Judicial	1,190	1,579	1,798	2,068	2,428	2,638	96	132	151	4.7	6.2	7.0
Legal services	442	664	771	933	1,048	1,225	38	55	64	1.9	2.6	3.0
Public defense	102	207	245	280	331	404	3	6	8	.2	.3	.4
Corrections	1,706	2,740	3,240	3,843	4,386	4,934	148	225	255	7.3	10.5	11.8
Federal Government	\$ 978	\$ 1,695	\$ 1,961	\$ 2,189	\$ 2,450	\$ 2,779	59	\$ 96	\$ 100	2.9	\$ 4.5	\$ 4.6
Police	589	1,089	1,222	1,461	1,612	1,765	40	69	71	1.9	3.2	3.3
Judicial	129	118	136	165	219	290	7	7	8	.3	.3	.4
Legal services	102	123	118	177	149	186	7	7	7	.3	.3	.3
Public defense	56	90	92	87	104	140	(2)	(2)	(2)	(2)	(2)	(2)
Corrections	83	171	215	217	256	299	6	11	12	.5	.5	.6
State governments	\$ 2,134	\$ 3,304	\$ 3,900	\$ 4,612	\$ 5,204	\$ 5,812	172	\$ 263	\$ 299	8.5	\$ 12.4	\$ 13.8
Percent of total	24.9	25.3	26.1	26.7	26.4	26.9	22.2	25.0	26.4	(X)	(X)	(X)
Police	689	1,132	1,308	1,512	1,696	1,800	56	92	94	2.7	4.3	4.3
Judicial	282	386	439	498	585	651	18	26	37	.9	1.2	1.7
Legal services	83	143	178	216	248	297	7	12	15	.3	.6	.7
Public defense	9	37	52	65	70	78	1	3	3	(Z)	.1	.1
Corrections	1,051	1,534	1,813	2,193	2,475	2,847	90	127	146	4.4	6.0	6.7
Local governments	\$ 5,454	\$ 8,052	\$ 9,092	\$ 10,449	\$ 12,027	\$ 12,983	543	\$ 691	\$ 733	26.7	\$ 32.4	\$ 33.9
Percent of total	63.6	61.7	60.8	60.6	61.1	60.2	70.1	65.7	64.8	(X)	(X)	(X)
Police	3,803	5,403	5,982	6,813	7,720	8,300	394	468	480	19.3	21.7	22.2
Judicial	779	1,075	1,223	1,405	1,624	1,698	70	90	105	3.4	4.7	4.9
Legal services	257	397	475	540	651	743	25	36	42	1.2	1.7	1.9
Public defense	37	79	101	128	157	185	3	4	5	.1	.2	.2
Corrections	572	1,035	1,213	1,434	1,654	1,788	52	87	98	2.6	4.1	4.5

X Not applicable. Z Less than 500 or .05. ¹ Derived by dividing total payroll by full-time payroll and multiplying result by full-time employees. ² Rate per 10,000 estimated population as of July 1, excluding Armed Forces abroad. ³ Includes amounts not shown separately.

Source: U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census, *Expenditure and Employment Data for the Criminal Justice System*, annual.

NO. 314. AUTHORIZED INTERCEPTS OF COMMUNICATION—SUMMARY: 1969 TO 1978

[Data for jurisdictions with statutes authorizing or approving interception of wire or oral communication]

ITEM	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Jurisdictions ¹										
With wiretap statutes	18	19	20	21	24	24	24	24	24	24
Reporting interceptions	9	12	14	18	20	19	18	21	19	20
Intercept applications authorized	301	596	816	855	864	728	701	686	626	570
Residence or apartment	202	366	553	569	556	419	455	435	410	361
Business or other	99	230	263	286	308	309	246	251	216	209
Installed	270	582	792	841	812	694	676	635	601	560
Average length, days	23	22	22	22	24	23	22	23	25	24
Tap (telephone wiretap)	250	538	753	779	731	633	620	581	554	510
Bug (incl. unspecified) ²	20	44	39	62	81	61	56	54	47	50
Federal	30	179	281	205	130	120	106	136	77	81
State	240	403	511	636	682	574	570	499	524	479
Intercepted communications ³	544	656	643	600	610	850	654	662	658	738
Incriminating	265	296	399	303	304	431	305	272	268	205
Persons arrested ⁴	625	1,874	2,811	2,861	2,306	2,162	2,234	2,189	2,191	1,825
Convictions ⁴	34	151	322	402	409	179	336	358	372	337
Major offense specified:										
Gambling	102	326	570	497	446	381	408	378	265	241
Drugs	89	127	126	230	229	199	178	190	237	195
Homicide and assault	22	20	18	35	47	21	16	10	22	25
Larceny and theft	10	31	31	22	36	22	5	9	20	7
Bribery	12	16	16	9	25	25	21	24	17	15
Other	66	76	55	62	81	80	73	75	65	87

¹ Jurisdictions include Federal Govt., States, and Dist. of Col. as of Dec. 31, 1975.

² A listening device, e.g., a microphone. Includes use of a microphone and telephone wiretap simultaneously.

³ Avg. per authorized installation. ⁴ Based on information received from intercepts installed in year shown.

Source: Administrative Office of the U.S. Courts, *Reports on Applications for Orders Authorizing or Approving the Interception of Wire or Oral Communications*, annual.

NO. 315. STATE AND LOCAL GOVERNMENT POLICE AND CORRECTIONS EMPLOYMENT AND POLICE EXPENDITURES, 1960 TO 1977, AND BY STATES, 1977

[Employees as of October. Direct expenditures for police protection are for fiscal years ending June 30 in year stated. Local government data are estimates subject to sampling variation; see source.]

YEAR AND STATE	EMPLOYEES (full-time equivalent) ¹							POLICE EXPENDITURES		
	Police protection				Corrections			State and local (mil. dol.)	Local	
	State and local	Rate per 1,000 population ²	Local		State and local	Rate per 1,000 population ²	Local		Total (mil. dol.)	Percent
1960	303,771	1.7	271,634	89.4	(NA)	(NA)	(NA)	1,857	1,612	87
1965	348,569	1.8	308,472	88.5	110,700	.6	41,183	2,549	2,201	86
1970	449,656	2.2	393,810	87.6	142,307	.7	51,973	4,491	3,803	85
1971	472,066	2.3	402,691	85.3	172,821	.8	66,776	5,361	4,489	84
1972	486,182	2.3	410,765	84.5	177,864	.9	70,079	5,941	4,950	83
1973	511,146	2.4	429,512	84.0	187,298	.9	75,122	6,535	5,405	83
1974	539,409	2.6	449,587	83.3	203,230	1.0	82,070	7,290	5,984	82
1975	555,849	2.6	463,404	83.4	213,813	1.0	86,880	8,326	6,813	82
1976	556,926	2.6	466,042	83.7	227,576	1.1	93,156	9,417	7,720	82
1977	573,582	2.7	479,908	83.7	243,248	1.1	97,696	10,099	8,300	82
Ala.	8,185	2.2	6,650	81.2	2,627	.7	1,044	109	81	74
Alaska	1,347	3.3	683	50.7	587	1.4	41	43	19	44
Ariz.	7,023	3.1	5,423	77.2	2,866	1.2	1,431	49.9	147	78
Ark.	4,048	1.9	3,214	79.4	1,636	.8	499	30.5	48	71
Calif.	62,745	2.9	51,550	82.2	33,749	1.5	20,445	60.6	1,374	81
Colo.	7,290	2.8	6,268	86.0	2,281	.9	737	32.3	142	85
Conn.	7,716	2.5	6,298	81.6	2,843	.9	5	.2	138	80
Del.	1,499	2.6	850	56.7	872	1.5	—	27	15	56
D.C.	4,783	6.9	4,783	100.0	2,878	4.2	2,878	100.0	90	100
Fla.	24,649	2.9	21,524	87.3	13,189	1.6	3,304	25.1	411	85
Ga.	12,867	2.5	10,426	81.0	6,576	1.3	2,182	33.2	167	77
Hawaii	2,537	2.8	2,441	96.2	650	.7	39	6.0	48	46
Idaho	2,132	2.5	1,794	84.1	673	.8	165	24.5	28	22
Ill.	34,472	3.1	30,997	89.9	9,489	.8	3,777	39.8	638	89
Ind.	11,187	2.1	8,860	79.2	3,927	.7	1,617	41.2	171	73
Iowa	5,654	2.0	4,455	78.4	2,470	.9	924	37.4	91	67
Kans.	5,258	2.3	4,471	85.0	2,985	1.3	693	23.2	71	83
Ky.	6,547	2.0	4,941	72.2	2,756	.8	1,092	39.6	117	79
La.	11,497	2.9	9,127	79.4	5,104	1.3	1,574	30.8	158	76
Maine	2,314	2.1	1,708	73.8	836	.8	106	23.4	31	22
Md.	12,399	3.0	9,584	77.3	6,458	1.6	1,130	17.5	216	79
Mass.	17,162	3.0	14,878	86.7	5,724	1.0	2,388	41.7	325	87
Mich.	24,155	2.6	20,587	85.2	9,522	1.0	4,121	43.3	464	84
Minn.	7,740	1.9	6,653	86.0	3,233	.8	1,600	49.5	146	119
Miss.	4,716	2.0	3,600	76.3	1,453	.6	375	25.8	65	42
Mo.	13,425	2.8	11,695	87.1	4,457	.9	1,801	40.4	201	170
Mont.	1,839	2.4	1,482	80.6	841	1.1	224	26.6	27	20
Nebr.	3,337	2.1	2,579	77.3	1,260	.8	398	31.6	50	36
Nev.	2,481	3.9	2,153	86.8	1,301	2.2	694	49.9	46	39
N.H.	1,918	2.3	1,582	82.5	691	.8	210	30.4	30	24
N.J.	25,154	3.4	21,728	86.4	9,584	1.3	5,561	58.0	433	376
N. Mex.	3,336	2.8	2,497	74.9	1,146	1.0	332	29.0	48	34
N.Y.	64,733	3.6	55,533	90.4	25,322	1.4	10,725	42.4	1,345	1,229
N.C.	12,158	2.2	9,486	78.0	7,196	1.3	873	12.1	173	73
N. Dak.	1,141	1.7	972	85.2	372	.6	82	22.0	19	14
Ohio	22,207	2.1	19,525	87.9	11,284	1.1	4,517	40.0	394	87
Oklahoma	6,650	2.4	5,075	76.3	2,716	1.0	515	19.0	91	69
Oreg.	5,830	2.5	4,496	77.1	2,999	1.3	1,090	36.3	102	76
Pa.	29,627	2.5	24,057	81.2	9,834	.8	5,483	55.8	493	380
R.I.	2,574	2.8	2,236	86.9	799	.9	1	.1	40	33
S.C.	6,424	2.2	4,791	74.6	3,476	1.2	799	23.0	88	68
S. Dak.	1,318	1.9	1,074	81.5	335	.5	78	23.3	21	15
Tenn.	9,810	2.3	8,027	81.8	4,818	1.1	1,576	32.7	136	111
Tex.	30,354	2.4	24,560	80.9	9,216	.7	4,708	51.1	455	355
Utah	3,008	2.4	2,292	76.2	1,057	.8	231	21.9	42	30
Vt.	1,067	2.2	659	61.8	485	1.0	1	.2	16	8
Va.	11,149	2.2	8,863	79.5	8,356	1.6	2,318	27.7	176	134
Wash.	7,981	2.2	6,400	80.2	4,595	1.3	1,738	37.8	152	78
W. Va.	3,222	1.7	2,253	69.9	1,190	.6	271	22.8	41	26
Wis.	11,442	2.5	10,198	89.1	4,024	.9	1,105	27.5	197	172
Wyo.	1,175	2.9	950	80.9	420	1.0	108	25.7	20	70

¹ Represents zero. ² NA. Not available. ³ See footnote 1, table 313.

² Estimated population, as of July 1.

Source: U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census, *Expenditure and Employment Data for the Criminal Justice System*, annual.

NO. 316. AVERAGE ANNUAL SALARY SCALES OF POLICE AND FIREFIGHTERS, BY CITY-SIZE GROUPS: 1970 TO 1978

[As of Jan. 1. Based on a study covering cities with a population of 100,000 or more. For explanation of average annual percent change, see Guide to Tabular Presentation. See also table 694]

EMPLOYEE GROUP AND YEAR	MINIMUM SCALES FOR CITIES WITH POPULATION OF—					MAXIMUM SCALES FOR CITIES WITH POPULATION OF—				
	All cities	100,000– 249,999	250,000– 499,999	500,000– 999,999	1,000,000 or more	All cities	100,000– 249,999	250,000– 499,999	500,000– 999,999	1,000,000 or more
POLICE										
1970	\$8,448	\$7,357	\$7,926	\$7,888	\$9,300	\$10,017	\$8,648	\$9,385	\$9,016	\$10,927
1971	8,874	7,939	8,414	8,291	9,675	10,576	9,408	9,980	10,109	11,452
1972	9,449	8,350	8,754	8,749	10,465	11,334	9,992	10,423	10,667	12,496
1973	9,928	8,840	9,258	9,364	10,870	12,309	10,612	11,065	11,691	13,707
1974	10,537	9,394	9,891	9,790	11,595	13,081	11,303	11,907	12,246	14,611
1975	11,180	10,668	10,734	10,681	12,054	14,007	12,256	13,028	13,567	15,299
1976	11,912	10,647	11,362	11,249	13,078	14,932	13,039	13,826	14,341	16,556
1977	12,422	11,226	11,968	11,783	13,497	15,603	13,716	14,521	15,250	17,067
1978	13,190	11,848	12,734	12,557	14,321	16,664	14,644	15,414	16,299	18,252
Annual percent change:										
1970–1975	5.8	6.5	6.3	6.3	5.3	6.9	7.2	6.8	7.1	7.0
1975–1978	5.7	5.6	5.9	5.5	5.9	6.0	6.1	5.8	6.3	6.1
FIREFIGHTERS										
1970	\$8,041	\$7,103	\$7,685	\$7,786	\$9,253	\$9,842	\$8,349	\$9,089	\$9,293	\$10,828
1971	8,489	7,672	8,179	8,215	9,596	10,060	9,080	9,649	9,839	11,327
1972	9,019	8,101	8,459	8,743	10,410	10,725	9,642	10,080	10,485	12,284
1973	9,502	8,596	9,029	9,211	10,882	11,589	10,242	10,788	11,240	13,564
1974	10,047	9,087	9,708	9,571	11,541	12,309	10,874	11,680	11,808	14,450
1975	10,739	9,786	10,480	10,587	11,958	13,254	11,815	12,755	13,168	15,047
1976	11,403	10,301	11,167	11,074	13,044	14,082	12,499	13,614	13,835	16,325
1977	12,045	10,899	11,758	11,627	13,837	14,946	13,266	14,279	14,834	17,303
1978	12,686	11,518	12,442	12,365	14,364	15,826	14,213	15,036	15,855	18,051
Annual percent change:										
1970–1975	6.0	6.6	6.4	6.3	5.3	6.9	7.2	7.0	7.2	6.8
1975–1978	5.7	5.6	5.9	5.3	6.3	6.1	6.4	5.6	6.4	6.3

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, February 1973. Based on data from International City Management Assoc., Fraternal Order of Police, and International Assoc. of Firefighters.

NO. 317. LAWYERS—SELECTED CHARACTERISTICS: 1954 TO 1970

[Data based on *Martindale-Hubbell Law Directory*. Represents all members of the bar, including those inactive or retired. See also *Historical Statistics, Colonial Times to 1970*, series H 1028–1062]

CHARACTERISTIC	1954	1957	1960	1963	1966	1970
All lawyers ¹	241,514	262,320	285,933	296,069	316,856	355,242
Lawyers reporting ²	221,600	235,783	252,385	268,782	289,404	324,818
Male	216,564	220,433	245,897	261,639	281,336	315,715
Female	5,036	6,350	6,488	7,143	8,068	9,103
Status in practice: ³ Government	21,279	24,245	25,621	29,314	31,280	35,803
Judicial	7,903	7,910	8,180	8,748	9,712	10,349
Private practice	189,423	188,955	192,353	200,568	212,662	236,085
Salaried	16,648	21,054	25,198	29,510	33,222	40,486

¹ Adjusted for underreporting and duplication. ² Includes duplications.

³ In some cases, if more than 1 subentry was applicable the individual was tabulated in each.

Source: American Bar Foundation, Chicago, Ill., *The 1971 Lawyer Statistical Report, 1971*. (Copyright.)

NO. 318. LEGAL SERVICES—SELECTED DATA: 1972

[Money figures in millions of dollars]

ITEM	ALL ESTABLISHMENTS		ESTABLISHMENTS WITH PAYROLL		
	Number	Receipts	Number	Receipts	Annual payroll
Total	144,452	10,938	77,282	9,724	2,318
Sole proprietorships	95,820	2,885	30,856	1,730	310
Partnerships	25,488	5,911	23,691	5,857	1,284
Corporations ²	4,574	1,056	4,478	1,053	527
Other or legal form unknown ³	18,570	1,086	18,257	1,084	197
By receipts size of establishment: ⁴					
With annual receipts of: Less than \$20,000	(NA)	(NA)	10,017	123	29
\$20,000 to \$99,999	(NA)	(NA)	42,087	2,080	360
\$100,000 or more	(NA)	(NA)	20,620	6,867	1,777

NA. Not available. ¹ For week including March 12. ² Represents professional service organizations.

³ Includes estates, receiverships, and cooperatives. ⁴ Establishments operating entire year.

Source: U.S. Bureau of the Census, *Census of Selected Service Industries, 1972*, Legal Services Report, SC 72-S-4.

No. 319. FEDERAL PROSECUTIONS OF PUBLIC CORRUPTION: 1970 TO 1978

[As of December. Prosecution of persons who have corrupted public office in violation of Federal Criminal Statutes. Detail will not always add to totals because some cases indicted in one year will carry over to the next and become convictions. Some cases carry over more than two years]

PROSECUTION STATUS	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total: Indicted.....	63	160	208	244	291	255	563	507	557
Convicted.....	44	108	142	181	217	179	380	440	409
Awaiting trial.....	-	-	5	18	5	27	199	210	205
Federal officials: Indicted.....	9	58	58	60	59	53	111	129	133
Convicted.....	9	40	42	48	51	43	101	94	91
Awaiting trial.....	-	-	4	2	1	5	1	32	42
State officials: Indicted.....	10	21	17	19	36	36	59	50	55
Convicted.....	7	16	10	17	23	18	35	38	56
Awaiting trial.....	-	-	-	-	-	5	30	33	20
Local officials: Indicted.....	26	46	106	85	130	139	194	157	171
Convicted.....	16	28	75	64	87	94	100	104	127
Awaiting trial.....	-	-	-	2	4	15	98	62	72
Others involved: ¹ Indicted.....	18	35	27	80	66	27	199	171	198
Convicted.....	12	24	15	52	56	24	144	144	135
Awaiting trial.....	-	-	1	14	-	2	70	88	71

- Represents zero. ¹ Refers to individuals who are neither public officials nor employees but who were involved with public officials or employees in violating the law.

Source: U.S. Department of Justice, *Federal Prosecutions of Corrupt Public Officials, 1970-1978*, May 1, 1979.

No. 320. COURTS AND AUTHORIZED JUDGESHIPS, BY LEVEL OF JURISDICTION: 1972 AND 1977

[As of January]

STATE	NUMBER OF COURTS, BY JURISDICTION		AUTHORIZED JUDGESHIPS, BY JURISDICTION, 1972			STATE	NUMBER OF COURTS, BY JURISDICTION		AUTHORIZED JUDGESHIPS, BY JURISDICTION, 1972				
	Lim- ited and spe- cial, 1972	1977		Lim- ited and spe- cial	Appel- late		Lim- ited and spe- cial, 1972	1977		Gen- eral	Appel- late		
		Gen- eral	Appel- late					Gen- eral	Appel- late				
U.S.	13,221	3,588	211	4,929	17,417	727	Mo.	410	117	4	104	427	16
Ala.	269	73	3	86	292	15	Mont.	66	56	1	28	79	5
Alaska	66	4	1	16	78	5	Nebr.	202	93	1	38	222	7
Ariz.	144	14	3	54	182	14	Nev.	58	17	1	22	62	5
Ark.	240	172	1	49	247	7	N.H.	76	10	1	10	122	5
Calif.	306	58	6	438	575	55	N.J.	586	42	2	168	655	22
Colo.	155	63	2	80	207	13	N. Mex.	121	19	2	26	194	9
Conn.	158	14	1	35	210	6	N.Y.	1,507	119	8	337	2,953	46
Del.	31	6	1	12	73	3	N.C.	100	100	2	49	626	16
D.C.	-	1	1	37	-	9	N. Dak.	158	53	1	19	170	5
Fla.	474	67	5	137	650	27	Ohio	417	88	89	291	487	45
Ga.	441	159	2	73	482	16	Oklahoma	169	77	6	180	192	18
Hawaii	4	4	1	17	13	5	Oreg.	175	36	2	61	203	12
Idaho	-	44	1	24	-	5	Pa.	589	67	3	234	623	21
Ill.	-	102	6	605	-	34	R.I.	51	4	1	13	60	5
Ind.	521	130	2	145	538	14	S.C.	484	46	1	16	521	5
Iowa	83	99	2	76	102	9	S. Dak.	85	64	1	21	46	5
Kans.	509	105	2	61	539	7	Tenn.	307	190	3	98	339	21
Ky.	473	120	2	76	519	7	Tex.	1,151	254	16	216	1,464	56
La.	481	65	5	104	498	33	Utah	90	29	1	22	98	5
Maine	47	18	1	11	53	6	Vt.	33	14	1	34	34	5
Md.	47	24	2	79	145	17	Va.	284	122	1	100	374	7
Mass.	91	14	2	46	202	7	Wash.	335	39	4	92	391	21
Mich.	217	84	2	135	316	19	W. Va.	463	58	1	40	466	5
Minn.	188	87	1	71	293	7	Wis.	133	142	1	176	135	7
Miss.	161	184	1	55	173	9	Wyo.	65	23	1	12	87	4

- Represents zero.

Source: U.S. Law Enforcement Assistance Administration, *National Survey of Court Organization, 1973*; and *1977 Supplement to State Judicial Systems*.

NO. 321. U.S. SUPREME COURT—CASES FILED AND DISPOSITION: 1970 TO 1978
 [Statutory term of court begins first Monday in October. See *Historical Statistics, Colonial Times to 1970*, series H 1063-1078, for related but not comparable data.]

ACTION	1970	1972	1973	1974	1975	1976	1977	1978
Total cases on docket	4,212	4,640	5,079	4,668	4,761	4,731	4,704	4,731
Appellate cases on docket	1,903	2,183	2,480	2,308	2,352	2,324	2,341	2,383
From prior term	325	442	412	540	431	452	472	434
Docketed during present term	1,578	1,741	2,068	1,768	1,921	1,872	1,869	1,949
Cases acted upon	1,613	1,834	1,948	1,967	1,900	2,019	1,979	2,023
Granted review	214	217	229	235	244	237	224	210
Denied, dismissed, or withdrawn	1,285	1,397	1,572	1,594	1,538	1,620	1,676	1,734
Summarily decided	114	220	147	138	118	162	79	79
Cases not acted upon	290	349	532	341	452	305	362	360
Pauper cases on docket	2,289	2,436	2,585	2,348	2,395	2,308	2,340	2,331
Cases acted upon	1,802	1,982	2,013	1,976	1,997	2,083	1,980	1,996
Granted review	41	35	30	28	28	30	24	27
Denied, dismissed, or withdrawn	1,683	1,902	1,942	1,914	1,903	2,013	1,899	1,938
Summarily decided	78	45	41	34	66	40	37	31
Cases not acted upon	487	454	572	372	398	315	389	335
Original cases on docket	20	21	14	12	14	8	14	17
Cases disposed of during term	7	8	4	4	7	2	3	-
Total cases available for argument	267	256	261	278	280	269	260	249
Cases disposed of	160	180	172	178	181	181	185	170
Cases argued	151	177	170	175	179	176	172	168
Cases dismissed or remanded without argument	9	3	2	3	2	5	13	2
Cases remaining	107	76	89	100	99	88	75	79
Cases decided by signed opinion	126	159	161	144	160	154	153	153
Cases decided by per curiam opinion	22	18	8	20	16	22	8	8
Number of signed opinions	109	140	140	123	138	126	129	130

- Represents zero.

Source: Office of the Clerk, Supreme Court of the United States, unpublished data.

NO. 322. COURTS OF ORIGINAL CIVIL AND CRIMINAL JURISDICTION: 1972

[As of January]

STATE	Courts of original jurisdiction	COURTS OF ORIGINAL CIVIL JURISDICTION		COURTS OF ORIGINAL CRIMINAL JURISDICTION		STATE	Courts of original jurisdiction	COURTS OF ORIGINAL CIVIL JURISDICTION		COURTS OF ORIGINAL CRIMINAL JURISDICTION	
		Total	Percent hearing general civil cases	Total	Percent hearing felonies			Total	Percent hearing general civil cases	Total	Percent hearing felonies
U.S.	16,851	13,122	83	14,409	31	Mo.	527	362	69	410	37
Ala.	342	219	65	271	26	Mont.	122	102	99	122	45
Alaska	70	70	100	70	7	Nebr.	295	199	96	293	38
Ariz.	158	115	90	158	39	Nev.	75	62	98	75	43
Ark.	412	359	57	238	36	N.H.	86	86	88	76	46
Calif.	364	364	100	384	17	N.J.	628	105	59	570	13
Colo.	218	130	97	215	29	N. Mex.	153	125	72	121	26
Conn.	170	170	24	30	100	N.Y.	1,626	1,575	91	1,459	12
Del.	37	29	68	30	9	N.C.	200	200	100	200	50
D.C.	1	1	100	1	100	N.Dak.	211	165	73	183	28
Fla.	541	256	76	453	19	Ohio	505	273	99	505	25
Ga.	600	468	57	485	32	Oklahoma	246	77	100	246	31
Hawaii	8	8	100	8	62	Oreg.	211	139	79	198	27
Idaho	44	44	100	44	100	Pa.	656	653	98	656	77
Ill.	102	102	100	102	100	R.I.	55	54	20	12	91
Ind.	650	566	98	628	18	S.C.	530	452	83	464	14
Iowa	182	125	99	182	54	S. Dak.	149	131	98	148	43
Kans.	614	430	51	404	30	Tenn.	503	392	68	306	36
Ky.	593	493	78	560	21	Tex.	1,405	1,067	88	1,364	29
La.	546	536	99	118	54	Utah	110	113	94	114	36
Maine	63	63	74	47	34	Vt.	47	47	61	28	100
Md.	71	71	69	48	70	Va.	424	362	69	387	40
Mass.	105	105	83	89	89	Wash.	374	177	94	372	12
Mich.	301	301	72	216	51	W. Va.	529	481	88	461	12
Minn.	275	254	99	269	32	Wis.	275	165	98	289	49
Miss.	345	209	70	252	36	Wyo.	88	70	88	88	36

Source: U.S. Law Enforcement Assistance Administration, *National Survey of Court Organization*.

No. 323. U.S. COURTS OF APPEALS: 1950 TO 1978

[For years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 1079-1096]

ITEM	1950	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Cases commenced ¹	2,830	3,899	6,766	11,662	14,535	15,629	16,436	16,658	18,408	19,118	18,918
Criminal	308	623	1,223	2,660	3,980	4,453	4,067	4,187	4,650	4,738	4,487
U.S. civil	708	788	1,387	2,167	2,604	2,704	3,267	2,981	3,327	3,622	3,028
Private civil	1,114	1,534	2,677	4,834	5,795	6,172	6,157	6,511	7,077	7,358	7,234
Administrative appeals	485	737	1,106	1,522	1,509	1,616	2,205	2,290	2,515	2,564	2,382
Cases terminated ¹	3,064	3,713	5,771	10,699	13,828	15,112	15,422	16,000	16,426	17,784	17,714
Criminal	342	530	1,014	2,581	3,799	4,210	4,299	4,005	4,238	4,554	4,461
U.S. civil	783	750	1,229	1,912	2,512	2,722	2,791	3,094	2,853	3,198	3,437
Private civil	1,184	1,517	2,183	4,367	5,399	6,030	5,847	6,252	6,248	6,680	6,813
Administrative appeals	541	660	1,004	1,407	1,448	1,493	1,734	1,909	2,359	2,510	2,256
Cases disposed of ²	2,355	2,681	5,546	6,139	8,537	9,618	8,451	9,077	9,351	11,400	8,850
Affirmed or granted	1,700	1,924	2,635	4,626	6,207	7,163	6,429	6,763	6,995	7,826	6,717
Reversed or denied	528	656	773	1,280	1,664	1,693	1,579	1,632	1,680	1,715	1,536
Other	127	101	138	233	666	762	443	682	676	1,859	597
Median months ³	7.1	6.8	8.0	8.2	6.6	6.4	6.8	7.4	7.1	7.1	8.0

¹ Includes types of cases not shown separately. ² After hearing or submission. Beginning 1974, data not comparable with earlier years due to changes in criteria. ³ Interval from filing of complete record to final disposition.

No. 324. U.S. DISTRICT COURTS—CIVIL AND CRIMINAL CASES: 1960 TO 1978

[In thousands, except percent. For years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 1097-1111]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Civil cases: Commenced	1 59.3	67.7	87.3	96.2	98.6	103.5	117.3	130.6	130.6	138.8
Cases terminated ²	1 48.8	63.1	79.5	94.3	97.4	96.7	103.8	108.3	115.5	123.2
No court action	(NA)	29.3	31.1	37.4	37.0	35.9	39.2	41.7	45.2	45.3
Court action, total	(NA)	33.8	48.4	56.8	60.4	60.8	64.6	66.6	70.3	77.8
Before pretrial	(NA)	17.1	29.4	35.6	36.9	38.6	40.3	41.6	43.5	48.7
Pretrial	(NA)	9.4	11.0	12.7	15.2	13.9	15.6	16.2	17.7	19.7
Trials	(NA)	7.3	8.0	8.5	8.3	8.4	8.7	8.8	9.0	9.4
Percent reaching trial ³	(NA)	11.6	10.0	9.0	8.5	8.7	8.4	8.1	7.8	7.6
Criminal cases: Commenced ³	28.1	31.6	38.1	47.0	40.4	37.7	41.1	39.1	39.8	46.1
Defendants disposed of ¹	30.5	33.7	36.4	49.5	46.7	48.0	49.2	51.6	53.2	45.9
Not convicted	3.8	5.0	8.2	12.3	11.7	11.8	11.8	11.5	11.7	9.4
Dismissed	2.6	3.8	6.5	10.2	9.8	10.0	10.3	9.8	10.0	7.8
Acquitted	1.2	1.2	1.6	2.1	2.0	1.8	1.5	1.7	1.7	1.6
Convicted	26.7	28.8	28.2	37.2	35.0	36.2	37.4	40.1	41.5	36.5
By guilty plea	24.2	25.9	24.1	31.7	29.0	30.7	31.8	34.0	35.3	31.1
By court or jury	2.5	2.8	4.1	5.5	6.0	5.6	5.6	6.1	6.1	5.4
Imprisonment	13.4	13.7	12.4	16.8	17.5	17.2	17.3	18.5	19.6	17.4
Probation	10.4	10.8	11.4	15.4	15.0	16.6	17.9	18.2	16.1	14.5
Fine and other	2.9	4.3	4.4	5.0	2.4	2.4	2.2	3.4	5.8	4.6

NA. Not available. ¹ Excludes D.C., Canal Zone, Guam, and Virgin Is., except that defendants disposed of includes D.C. beginning 1973; Canal Zone, Guam, and Virgin Is. beginning 1976; and N. Mariana Is. beginning 1978. ² Excludes land condemnation cases. ³ Excludes transfers. ⁴ Includes nolo contendere.

No. 325. U.S. DISTRICT COURTS—CIVIL CASES COMMENCED AND TERMINATED: 1978

[For year ending June 30]

NATURE OF SUIT	Cases commenced	Cases terminated	No court action	Total court action	Before pretrial	Preliminary	Trials, total	Percent reaching trial
Total	138,770	125,914	48,097	77,817	48,719	19,725	9,373	7.4
U.S. cases ¹	46,811	39,399	17,065	22,334	18,173	2,706	1,455	3.7
Contract actions	5,303	4,495	2,959	1,536	1,171	272	93	2.1
Real property actions	10,880	6,393	5,187	1,206	986	136	84	1.3
Tort actions	2,637	2,394	949	1,445	587	540	318	13.3
Actions under statutes	27,959	22,703	6,446	16,257	13,989	1,483	785	3.5
Private cases ¹	91,959	86,515	31,032	55,483	30,546	17,019	7,918	9.2
Federal question	59,271	54,810	18,047	36,763	24,094	8,615	4,054	7.4
Contract actions	5,071	4,680	2,479	2,201	801	1,170	230	4.9
Property actions	914	684	441	243	151	72	20	2.9
Tort actions	8,027	7,617	3,059	4,558	1,333	2,552	673	8.8
Actions under statutes	45,259	41,829	12,088	29,761	21,809	4,821	3,131	7.5
Diversity of citizenship ¹	31,625	30,505	12,248	18,257	6,220	8,388	3,649	12.0
Contract actions	15,224	14,588	6,439	8,149	3,369	3,290	1,500	10.8
Tort actions	15,471	14,932	5,364	9,568	2,607	4,908	2,053	13.7
Local jurisdiction	1,063	1,200	737	463	232	16	215	18.0

¹ Includes actions not shown separately.Source of tables 323-325: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

NO. 326. U.S. DISTRICT COURTS—TRIALS: 1950 TO 1978

[For years ending June 30. Through 1960, trials commenced; thereafter, trials completed. Prior to 1965, excludes D.C., Alaska, Hawaii, and outlying areas. A trial is defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence is introduced and final judgment sought. See also *Historical Statistics, Colonial Times to 1970*, series H 1112-1118]

Type of Trial	1950	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Total	7,977	9,042	11,485	16,032	18,780	19,467	18,572	19,236	19,580	18,827	18,851
Civil trials	5,663	6,002	7,613	9,449	10,962	10,896	10,972	11,603	11,656	11,605	11,515
Nonjury	3,648	3,161	4,459	6,078	7,285	7,289	7,403	7,903	8,098	7,792	8,326
Jury	2,015	2,841	3,154	3,371	3,677	3,607	3,569	3,700	3,558	3,813	3,189
Criminal trials	2,314	3,040	3,872	6,583	7,818	8,571	7,600	7,633	7,924	7,222	7,336
Nonjury	825	943	1,143	2,357	2,968	2,927	2,753	2,728	2,773	2,661	3,344
Jury	1,489	2,097	2,729	4,226	4,850	5,644	4,847	4,907	5,151	4,561	3,992

NO. 327. U.S. DISTRICT COURTS—CRIMINAL CASES COMMENCED AND DEFENDANTS DISPOSED OF, BY NATURE OF OFFENSE: 1977 AND 1978

[For years ending June 30. Excludes Canal Zone, Guam, and Virgin Islands]

Nature of Offense	1977		1978, cases com- men- ced ¹	DISPOSITION OF DEFENDANTS, 1978								
	Cases com- men- ced ¹	De- fend- ants dis- posed of		Not convicted		Convicted			Sentenced			
				Total	Ae- quit- ed	Total	Guilty plea	Court or jury	Im- prison- ment	Pro- ba- tion	Fine and other	
Total	39,786	53,168	34,624	9,417	1,625	36,505	31,112	5,393	17,426	14,515	4,564	
General offenses:												
Homicide	131	153	144	41	18	118	69	49	87	18	13	
Robbery	1,734	2,340	1,377	244	41	1,570	1,260	310	1,426	140	4	
Assault	691	768	582	186	40	499	394	105	266	212	21	
Burglary	400	517	207	74	7	246	202	44	163	83	—	
Larceny—theft	4,733	5,667	3,995	879	170	4,698	4,214	484	1,979	2,295	424	
Embezzlement and fraud	6,963	7,933	6,581	1,363	332	6,590	5,792	798	2,232	3,965	393	
Auto theft	1,187	1,599	810	210	43	986	871	115	694	277	15	
Forgery, counterfeiting	3,976	4,704	3,818	603	77	3,284	2,942	342	1,714	1,546	24	
Sex offenses	141	200	157	47	9	106	62	44	72	26	8	
Narcotics	4,866	9,741	3,745	2,043	314	5,817	4,440	1,377	4,119	1,630	68	
Misc. general offenses	10,155	11,092	9,486	2,560	393	8,095	6,833	1,262	3,022	2,166	2,907	
Special offenses:												
Immigration laws	1,436	1,610	1,734	308	23	1,813	1,687	126	1,076	704	33	
Liquor, Internal Revenue	140	188	100	29	3	129	114	15	32	96	1	
Other Federal statutes	3,253	6,656	1,888	830	155	2,554	2,232	322	544	1,357	653	

— Represents zero. ¹ Excludes transfers.

NO. 328. U.S. DISTRICT COURTS—DEFENDANTS CHARGED WITH VIOLATIONS OF DRUG ABUSE PREVENTION AND CONTROL ACT: 1977 AND 1978

[For years ending June 30. Excludes Canal Zone, Guam, and Virgin Islands]

ITEM	MARIJUANA			NARCOTICS			CONTROLLED SUBSTANCES (prescribed drugs)			
	1977	1978	Percent change	1977	1978	Percent change	1977	1978	Percent change	
Defendants	2,767	1,902	-31.3	5,672	4,012	-29.3	1,297	1,946	50.0	
Not convicted	630	562	-10.8	1,194	1,027	-14.0	285	454	59.3	
Dismissed	548	504	-7.7	969	838	-13.5	242	387	59.9	
Convicted	2,137	1,340	-37.3	4,478	2,985	-33.3	1,012	1,492	47.4	
By guilty pleas	1,705	1,061	-37.8	3,456	2,189	-36.7	798	1,190	49.1	
Total imprisonment	1,284	854	-33.5	3,332	2,285	-31.4	596	980	64.4	
Regular sentence	1,204	783	-35.0	2,938	1,997	-32.0	526	825	56.8	
1-12 months	466	241	-48.3	757	412	-45.6	181	232	28.2	
13-35 months	281	158	-43.8	410	328	-20.0	120	137	14.2	
36-59 months	274	245	-10.6	749	518	-30.8	120	193	60.8	
60 months and over	183	139	-24.0	1,022	739	-27.7	105	263	150.5	
Avg. sentence	mo.	29.4	33.8	15.0	48.4	58.7	21.3	34.6	49.9	44.2
Other sentences	80	71	-11.3	394	288	-26.9	70	155	121.4	

¹ Includes probation and fine/other, not shown separately.

Source of tables 326-328: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

No. 329. JUVENILES HELD IN CUSTODY, BY TYPE OF FACILITY—SUMMARY: 1974 AND 1975

[As of June 30, except expenditures. Data based on private and State and local public juvenile detention and correctional facilities in operation when censuses were initiated (Nov. 1974 and Feb. 1976); also must have been in existence for at least a month before June 30, and with a resident population at least 50 percent juvenile. However, a facility was included if it was considered a juvenile facility, even though the youthful offenders outnumbered juveniles at the time of the census. Further, at least 10 percent of a private facility's population had to have been adjudicated delinquent or in other detention status (see table detail). Excludes juvenile detention centers operated as part of a jail and without a separate staff or budget, nonresidential facilities, facilities exclusively for drug abusers or for alcoholics, facilities exclusively for dependent and neglected children, foster homes, and Federal juvenile correctional facilities. For definition of terms, see source.]

ITEM	PUBLIC		PRIVATE		ITEM	PUBLIC		PRIVATE	
	1974	1975	1974	1975		1974	1975	1974	1975
Juveniles held.....	44,922	46,980	31,749	27,290	Facilities, total.....	829	874	1,337	1,277
Male.....	34,783	37,926	22,104	19,152	State-govt. administered.....	396	423	(X)	(X)
Female.....	10,139	9,054	9,645	8,138	Local-govt. administered.....	433	451	(X)	(X)
Training schools.....	25,397	26,748	4,078	3,660	Training schools.....	185	189	61	65
Detention centers.....	11,010	11,089	163	161	Detention centers.....	331	347	4	3
Reception centers ¹	1,376	1,436			Reception centers ¹	19	17	5	5
Ranches ²	5,232	5,385	16,055	13,094	Ranches ²	107	103	395	295
Halfway houses ³	1,907	2,322	10,553	10,375	Halfway houses ³	166	195	805	851
Detention status:					Shelters.....	21	23	67	58
Adjudicated delinquent ⁴	31,270	34,107	9,874	9,809	Expenditures ⁷ , mil. dol.....	508	594	294	274
In need of supervision.....	4,644	4,494	4,969	4,316	Operating..... mil. dol.....	483	500	268	254
Pending court disposal.....	7,373	7,011	481	529	Per person held ⁸ , 1,000.....	10.3	11.5	8.5	9.5
Awaiting transfer ⁵	458	392	63		Capital..... mil. dol.....	25	35	26	19
Voluntary admission.....	679	516	7,635	5,870	Full-time staff ⁹ , 1,000.....	39.4	41.2	20.6	
Dependent, neglected.....	498	451	7,104	4,844	Part-time staff ⁹ , 1,000.....	6.9	11.4	8.0	
Other ⁶	-	9	1,623	1,913					27.7

¹ Represents zero. ² Not applicable. ³ Includes diagnostic centers. ⁴ Includes forestry camps and farms. ⁵ Includes group homes and shelters. ⁶ See text, p. 175. ⁷ To another jurisdiction.

⁸ The emotionally disturbed, the mentally retarded, and other. ⁹ For years ending June 30. ¹⁰ Based on the average daily population of the facilities. ¹¹ Includes payroll and nonpayroll staff.

Source: U.S. Law Enforcement Administration, *Children in Custody, Advance Report on the Juvenile Detention and Correctional Facility Census of 1974*, February 1977; and 1975, October 1977; and unpublished data.

No. 330. CHILDREN'S CASES DISPOSED OF BY JUVENILE COURTS: 1960 TO 1976

[For definition of delinquency cases, see text, p. 175. Dependency and neglect cases are all cases referred to the court for some form of neglect or inadequate care on the part of parents or guardians. See also *Historical Statistics, Colonial Times to 1970*, series H 1119-1124]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976
Population 10-17 years old ¹	1,000	25,368	29,536	32,614	33,120	33,377	33,365	33,045
Delinquency cases excluding traffic ²	1,000	510	697	1,052	1,112	1,143	1,252	1,317
Per 1,000 population 10-17 years old.....		20.1	23.6	32.3	33.6	34.2	37.5	39.9
Male.....	1,000	415	555	800	828	845	927	1,002
Female.....	1,000	99	142	252	285	298	326	315
Percent of total cases.....		19.3	20.4	24.0	25.6	26.1	26.0	23.9
Population under 18 years old ¹	1,000	64,516	69,699	69,669	69,000	68,196	67,241	66,251
Dependency and neglect cases ³	1,000	131	157	133	141	158	151	143
Per 1,000 population under 18 years old.....		2.0	2.3	1.9	2.0	2.3	2.2	2.4

¹ U.S. Bureau of the Census estimates of civilian population as of July 1, except 1960 and 1970, as of April 1.

² Delinquency cases based on data from a national sample of juvenile courts. Since 1970, based on all courts reporting, whose jurisdiction includes about two-thirds of the Nation's population; dependency and neglect cases based on reports from courts serving about one-half of the child population under 18 years of age.

Source: 1960-1973, U.S. Office of Human Development Services and U.S. Office of Youth Development, *Juvenile Court Statistics*, annual; 1974-1976, National Center for Juvenile Justice, Pittsburgh, Pa., unpublished data.

No. 331. PRISON AND PAROLE POPULATION: 1970 TO 1977

ITEM	1970	1976	1977
Prison population.....	196,420	278,422	292,352
Parole population.....	(NA)	160,900	173,300
Entries to parole.....	(NA)	87,500	99,300
Removals from parole.....	(NA)	85,100	86,900

NA Not available.

Source: U.S. Law Enforcement Assistance Administration, *Parole in the United States: 1976 and 1977*.

NO. 332. FEDERAL AND STATE PRISONS—PRISONERS PRESENT AND PRISONERS RECEIVED: 1950 TO 1977

[Rate per 100,000 estimated civilian population. Prior to 1970, excludes State institutions in Alaska and, prior to 1960, those in Hawaii. Represents inmates sentenced to maximum term of more than a year. See also *Historical Statistics, Colonial Times to 1970*, series H 1135-1140.]

YEAR	PRESENT AT END OF YEAR						RECEIVED FROM COURTS					
	All institutions		Federal		State		All institutions		Federal		State	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950-----	166,123	110.3	17,134	11.4	148,989	98.9	69,473	46.1	14,237	9.5	55,236	36.7
1955-----	185,780	113.4	20,088	12.3	165,692	101.1	78,414	47.9	15,286	9.3	63,128	38.5
1960-----	212,953	118.6	23,218	12.9	189,735	105.7	88,575	49.3	13,723	7.6	74,852	41.7
1965-----	210,893	109.5	21,040	10.9	189,855	98.6	87,505	45.4	12,781	6.6	74,724	38.8
1970-----	196,429	96.7	20,038	9.8	176,391	88.8	79,351	39.1	12,047	5.9	67,304	33.1
1971-----	198,061	96.4	20,948	10.2	177,113	86.2	97,292	47.3	13,193	6.4	84,099	40.8
1972-----	196,183	94.6	21,713	10.5	174,470	84.2	119,316	57.6	16,104	7.8	108,212	49.9
1973-----	204,211	97.8	22,815	10.9	181,396	86.8	127,086	61.1	17,170	8.2	110,516	52.9
1974-----	218,466	103.8	22,361	10.8	196,105	93.2	103,754	49.3	14,511	6.9	89,243	42.4
1975-----	240,593	113.3	24,131	11.4	216,462	102.0	129,573	61.0	16,770	7.9	112,803	53.1
1976-----	262,833	122.9	26,980	12.6	235,853	110.3	129,482	60.5	17,437	8.2	112,045	52.4
1977-----	278,141	129.0	28,950	13.3	249,491	115.7	128,050	59.4	13,820	6.4	114,230	53.0

¹ Also includes parole, or conditional-release violators returned and escapees returned under old sentence.

Source: U.S. Law Enforcement Assistance Administration, 1950-1970, *National Prisoner Statistics*, Bulletin No. 47. Beginning 1971, *Prisoners in State and Federal Institutions* on December 31, annual.

NO. 333. STATE PRISONS—SELECTED CHARACTERISTICS, BY TYPE OF INSTITUTION: 1974

[Based on data compiled in January 1974 by U.S. Bureau of the Census. Facility must have been an administratively separate institution and defined as a State correctional facility for adults or youthful offenders or a non-State-operated facility where majority of residents were State inmates. Excludes Massachusetts]

CHARACTERISTIC	All institutions ¹	Closed prisons	Prison camps ²	CHARACTERISTIC	All institutions ¹	Closed prisons	Prison camps ²
Inmates, number----1,000--	188.0	118.7	34.3	Institutions with—			
Institutions, total-----	592	172	162	Sick bay-----	358	159	83
Year of initial construction:				Library-----	481	167	131
Before 1899 and unknown-----	75	48	4	Athletic field-----	450	158	141
1899-1923-----	61	25	8	Full-time staff:			
1924-1948-----	186	47	48	Less than 20-----	250	7	87
1949-1969-----	237	44	98	20-99-----	136	41	42
1970-1973-----	33	8	6	100-299-----	86	50	19
Institutions with—				300 or more-----	67	56	2
Group counseling-----	487	153	117	Unknown-----	53	18	12
Individual counseling-----	540	167	131	Annual operating expenditures:			
Remedial education-----	526	170	137	Less than \$200,000-----	172	8	54
Vocational training-----	477	163	112	\$200,000-\$1 million-----	202	37	82
Alcoholic treatment-----	489	152	112	\$1 million-\$3 million-----	81	41	16
Drug treatment-----	436	145	96	\$3 million or more-----	92	75	6
				Unknown-----	45	11	4

¹ Includes types of institutions not shown separately. ² Includes prison farms, road camps, and forest camps.

Source: U.S. Law Enforcement Assistance Administration, *Census of State Correctional Facilities, 1974, Advance Report*.

NO. 334. JAILS—SUMMARY: 1972

[As of summer. Excludes Federal and State prisons or other correctional institutions; institutions exclusively for juveniles; State-operated jails in Conn., Del., and R.I.; and other facilities which retain persons for less than 48 hours. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC	United States	North-east	North Central	South	West
Jails-----number-----	3,921	231	1,153	1,865	672
With less than 21 inmates-----number-----	2,901	91	970	1,356	484
With 21-249 inmates-----number-----	907	117	167	475	148
With 250 or more inmates-----number-----	113	23	16	34	40
With work-release programs-----number-----	1,665	127	559	603	376
With week-end sentence programs-----number-----	1,821	91	634	676	420
With medical facilities-----number-----	480	87	93	202	95
With recreational facilities-----number-----	2,422	214	769	997	439
Number of inmates-----1,000-----	141.6	27.4	28.5	55.5	35.2
Per employee-----	3.2	2.5	2.4	3.7	4.1
Number of employees-----1,000-----	44.3	10.9	9.9	14.9	8.6

Source: U.S. Law Enforcement Assistance Administration, *The Nation's Jails*, May 1975.

No. 335. FEDERAL AND STATE PRISONS—PRISONERS, BY STATES: 1960 TO 1977

[Data as of Dec. 31; represent inmates sentenced to maximum term of more than a year. See headnote, table 332]

STATE	1960	1965	1970	1973	1974	1975	1976	1977		
								Total	Male	Female
United States	212,953	210,895	196,429	204,211	218,466	240,593	262,833	278,141	267,097	11,044
Federal institutions ¹	23,218	21,040	20,038	22,815	22,361	24,131	26,980	28,650	26,956	1,694
State institutions	189,735	189,855	176,391	181,396	196,105	216,462	235,853	249,491	240,141	9,350
Male	205,258	203,327	190,794	197,527	211,077	(NA)	252,794	267,097	(X)	
Female	7,700	7,568	5,635	6,684	7,389	10,039	11,044	(X)	11,044	
New England	4,871	5,044	4,543	4,966	5,113	5,636	6,201	6,112	5,958	154
Maine	750	695	516	453	527	643	610	655	641	14
New Hampshire	180	205	244	277	219	250	248	219	219	-
Vermont	209	263	182	188	242	244	279	279	275	4
Massachusetts	1,920	1,929	2,053	1,981	2,226	2,242	2,651	2,789	2,712	77
Rhode Island	255	310	(NA)	404	435	408	490	523	510	13
Connecticut	1,497	1,642	1,568	1,663	1,464	1,849	1,923	1,647	1,601	46
Middle Atlantic	29,293	29,459	24,052	24,817	26,280	27,735	29,979	31,729	30,808	921
New York ²	17,207	17,504	12,059	12,945	14,320	16,071	17,705	19,369	18,830	539
New Jersey	4,284	4,339	5,704	5,357	5,219	5,682	5,618	5,728	5,548	180
Pennsylvania	7,802	7,116	6,289	6,515	6,732	5,982	6,656	6,632	6,430	202
East North Central	37,938	34,338	31,755	26,695	30,261	37,023	42,231	44,935	43,270	1,665
Ohio	11,111	11,374	9,185	7,717	9,326	11,421	12,525	12,846	12,269	577
Indiana	5,429	4,486	4,137	3,357	3,051	3,897	4,203	4,250	4,120	130
Illinois	9,064	8,306	6,381	5,600	6,667	7,861	9,739	10,668	10,384	284
Michigan	9,550	7,342	9,079	7,874	8,630	10,852	12,465	13,824	13,286	538
Wisconsin	2,784	2,830	2,973	2,147	2,587	2,992	3,299	3,347	3,211	130
West North Central	12,317	12,188	10,186	9,322	9,452	11,289	12,554	13,330	12,849	481
Minnesota	2,089	1,772	1,585	1,402	1,372	1,685	1,024	1,755	1,700	55
Iowa	2,204	2,178	1,747	1,402	1,476	1,786	1,891	2,030	1,946	84
Missouri ³	8,688	8,517	3,413	3,767	3,764	4,371	4,997	5,302	5,144	158
North Dakota	248	208	147	155	129	173	182	194	192	2
South Dakota	526	571	391	236	250	338	478	519	499	20
Nebraska	1,269	1,151	1,001	1,005	1,040	1,251	1,304	1,284	1,211	73
Kansas	2,313	2,791	1,902	1,354	1,421	1,685	2,078	2,246	2,187	80
South Atlantic	37,808	34,729	35,786	46,457	50,532	58,946	65,008	68,967	66,392	2,575
Delaware	226	315	596	325	436	582	684	695	675	20
Maryland	5,316	5,467	5,186	5,799	6,247	6,955	7,912	8,148	7,900	248
District of Columbia	1,958	1,604	1,423	2,331	2,072	2,302	2,283	2,237	2,195	42
Virginia	5,775	4,553	4,648	5,100	5,032	5,497	6,030	7,143	6,892	251
West Virginia	2,407	1,477	938	1,086	989	1,271	1,278	1,250	1,206	44
North Carolina	5,977	6,029	5,969	9,641	10,932	10,993	11,570	12,769	12,334	435
South Carolina	2,080	2,323	2,726	3,499	4,318	5,600	6,433	6,789	6,493	276
Georgia	6,985	5,966	5,113	8,310	9,289	10,421	11,025	11,243	10,773	470
Florida	7,024	6,995	9,187	10,376	11,217	15,315	17,793	18,713	17,924	789
East South Central	14,081	12,422	11,637	11,839	13,208	14,649	13,442	14,195	13,555	640
Kentucky	3,603	2,813	2,849	2,954	3,051	3,246	3,657	3,660	3,523	137
Tennessee	3,124	3,213	3,268	3,454	3,771	4,561	4,817	5,480	5,248	232
Alabama	5,309	4,377	3,790	3,693	4,259	4,420	3,032	3,470	3,247	223
Mississippi	1,975	2,019	1,730	1,738	2,127	2,422	1,936	1,585	1,587	48
West South Central	19,752	21,497	22,167	26,137	26,446	28,990	31,580	34,463	33,009	1,454
Arkansas	2,016	1,970	(NA)	1,679	1,938	1,162	2,431	2,386	2,275	111
Louisiana	3,749	3,844	4,196	4,033	4,779	4,758	4,696	5,951	5,734	217
Oklahoma	2,679	2,829	3,640	3,187	2,896	3,133	3,736	3,609	3,453	156
Texas	11,308	12,854	14,331	17,288	16,833	18,937	20,717	22,517	21,547	970
Mountain	7,292	8,188	6,351	6,598	7,450	8,506	9,591	10,559	10,127	432
Montana	602	586	260	316	336	429	551	617	617	-
Idaho	549	481	411	426	525	580	682	752	728	24
Wyoming	338	336	231	278	269	307	340	400	384	16
Colorado	2,078	2,766	2,066	1,894	1,968	2,039	2,239	2,311	2,242	69
New Mexico	1,243	1,002	742	726	902	999	1,220	1,489	1,436	53
Arizona	1,516	1,694	1,460	1,691	2,101	2,647	2,850	2,982	2,816	166
Utah	553	701	491	519	548	657	748	824	794	30
Nevada	413	622	690	748	801	848	961	1,184	1,110	74
Pacific	26,383	31,990	29,925	24,565	27,363	23,688	25,287	25,201	24,173	1,028
Washington	2,455	3,202	2,864	2,632	2,989	3,369	3,771	4,272	4,049	223
Oregon	1,710	2,000	1,800	1,670	1,993	2,480	2,821	2,924	2,812	112
California	21,660	26,325	25,033	19,794	21,897	17,296	18,113	17,338	16,667	671
Alaska	(NA)	(NA)	(NA)	174	175	207	255	293	284	9
Hawaii	558	463	228	295	309	336	327	374	361	13

- Represents zero. N.A. Not available. X Not applicable. ¹ Not included in State figures.² Total excludes, and individual State figures include, transfers. ³ Data for 1960, 1965, and 1970 include prisoners out of institution on temporary absences. ⁴ Data for 1973 and 1974 are for fiscal year.

Source: U.S. Law Enforcement Assistance Administration, 1960-70, National Prisoner Statistics, Bulletin No. 47. Beginning 1973, Prisoners in State and Federal Institutions on December 31, annual.

NO. 336. AVERAGE TIME SERVED BY PRISONERS RELEASED FROM FEDERAL INSTITUTIONS FOR FIRST TIME: 1965 TO 1978

[For years ending June 30. In computing averages, sentences to life and more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday]

YEAR AND OFFENSE	RELEASES, EXCLUDING PRISONERS SENTENCED UNDER THE YOUTH CORRECTIONS ACT ¹						YOUTH CORRECTIONS ACT RELEASES	
	All first releases			Parole				
	Average sentence served Number (months)	Average time served Number Months	Percent of sentence	Average sentence (months)	Average time served Number Months	Percent of sentence		
1965, all offenses	12,100	32.6	19.9	61.0	3,394	42.6	18.3	
1970, all offenses	8,487	38.6	19.7	51.0	2,764	55.0	20.0	
1975, all offenses	11,313	39.8	18.5	46.4	4,307	73.7	27.8	
1976, all offenses	10,468	32.3	15.8	46.8	3,114	74.3	26.9	
1977, all offenses	10,935	30.7	15.5	50.7	2,688	70.8	30.0	
1978, all offenses ²	12,132	37.2	18.7	50.3	3,318	78.5	30.0	
Counterfeiting	244	41.0	19.5	47.7	91	67.8	25.1	
Drug laws	2,904	49.0	24.1	49.1	1,006	74.8	29.6	
Embezzlement	193	22.1	11.0	49.9	57	43.9	17.1	
Escape, flight, or harboring a fugitive	124	29.9	20.7	69.3	24	38.9	15.5	
Firesarms	687	23.2	18.1	58.0	154	55.5	24.1	
Forgery	576	29.2	17.4	59.6	164	48.4	21.4	
Fraud	509	23.1	12.4	53.6	142	44.6	18.3	
Immigration	2,604	6.3	4.8	76.6	66	44.8	43.7	
Income tax	163	14.2	9.2	64.8	31	32.5	14.8	
Juvenile delinquency	74	38.0	24.2	63.6	22	45.1	23.2	
Kidnapping	31	183.0	72.4	39.6	19	237.4	79.8	
Larceny-theft	1,851	32.3	19.1	59.3	506	49.1	22.6	
Motor vehicle, interstate	645	37.5	22.9	61.1	185	45.8	21.9	
Liquor laws	45	27.1	15.0	55.1	19	37.7	15.7	
Robbery	788	125.2	46.3	37.0	526	153.5	49.9	
Securities, transporting false or forged	273	42.6	23.1	54.2	102	60.0	25.1	
White slave traffic	20	57.1	26.7	46.8	6	114.0	38.3	
Military court-martial cases	20	78.2	46.5	59.5	7	137.7	79.4	
Govt. reservation, high seas, territorial, and District of Columbia	264	51.4	25.3	49.4	65	116.0	40.8	

¹ Represents zero. ² Represents 76 percent of all first releases.

² Includes other offenses not shown separately. Excludes 832 first releases (deaths, escapees, pardons, etc.) other than by parole, expiration of sentence, and mandatory release; also excludes 370 second or subsequent releases.

Source: U.S. Bureau of Prisons, *Statistical Report*, annual.

Average time served (months)

Number

Percent

Expiration of sentence and mandatory release

Percent

of sentence

Months

Average

sentence

(months)

Number

Percent

of sentence

Months

Average

sentence

NO. 337. FEDERAL PRISONERS UNDER SENTENCE, BY OFFENSE AND RACE: 1978

[These data pertain only to the Federal offender population housed in Federal institutions during or on the last day of the fiscal year ending Sept. 30. Represents more than 90 percent of the sentenced Federal prisoner population.]

OFFENSE	Total	WHITE		OTHER RACES		OFFENSE	Total	WHITE		OTHER RACES	
		Num- ber	Aver- age sentence (mo.)	Num- ber	Aver- age sentence (mo.)			Num- ber	Aver- age sentence (mo.)	Num- ber	Aver- age sentence (mo.)
		Total	14,158	99.0	9,731	122.1	Total	1,974	481	278.6	1,493	196.9
Total	23,889	14,158	99.0	9,731	122.1	Securities violations ¹	492	326	74.3	186	68.2
Drug laws	6,137	4,266	81.0	1,871	99.5	Counterfeiting	377	308	68.0	69	51.0
Robbery	5,172	2,422	176.5	2,749	166.6	Fraud	646	482	50.4	164	40.5
Larceny/theft	3,262	1,889	59.3	1,393	47.8	Kidnaping	460	326	339.1	134	419.1
Firearms	1,333	887	53.5	446	49.2	Juvenile delinquency	17	11	34.2	6	63.5
Immigration	1,004	986	16.7	18	20.3	Burglary	171	95	88.9	78	68.8
Forgery	990	360	55.0	630	47.8	Government ²	1,974	481	278.6	1,493	196.9

¹ Includes offenses not shown separately. ² Transporting false or forged securities. ³ Includes offenses committed on government reservations, the high seas, territorial and the District of Columbia.

Source: U.S. Bureau of Prisons, *Annual Statistical Report Series*, 1978.

NO. 338. JAIL INMATES—REASON FOR RETENTION AND SELECTED SOCIOECONOMIC CHARACTERISTICS, BY RACE: 1972

[As of summer. Jail: A locally administered institution with authority to retain adults for 48 hours or longer]

CHARACTERISTIC	Total ¹	White	Black	CHARACTERISTIC	Total ¹	White	Black
Total inmates	141,600	79,900	58,900	Marital status:			
Serving sentence	60,200	35,400	23,200	Never married	70,500	34,400	34,400
Awaiting trial	50,800	26,300	23,300	Separated, divorced, or widowed	37,100	25,200	11,400
Other adjudication status	30,500	18,200	11,900	Married	33,900	20,300	13,100
Educational attainment: ²				Prior arrest annual income:			
8 years or less	32,200	20,300	11,000	Less than \$2,000	61,800	33,500	26,800
9-12 years	94,500	49,200	45,500	\$2,000-\$2,999	16,100	8,800	7,000
Over 12 years	14,300	10,100	4,100	\$3,000-\$7,499	44,400	24,800	19,000
Age: ³				\$7,500 and over	15,100	10,800	4,300
14-17 years	5,200	2,900	2,200	Unknown	4,300	2,200	2,000
18-24 years	61,500	33,000	27,300				
25 years and over	74,700	43,900	29,400				

¹ Includes races not shown separately. ² Excludes 600 inmates for whom data were not available.

³ Data by age include a small number of persons for whom information was not available.

Source: U.S. Law Enforcement Assistance Administration, *Survey of Inmates of Local Jails: Advance Report*, and unpublished data.

NO. 339. PRISONERS UNDER SENTENCE OF DEATH: 1974 TO 1978

[As of December 31. Excludes prisoners under sentence of death who remained within local correctional systems pending exhaustion of appellate process or who had not been committed to prison]

CHARACTERISTIC	1974	1975	1976	1977	1978	CHARACTERISTIC	1974	1975	1976	1977	1978
Total	254	479	444	443	445	Marital status:					
White	116	214	243	244	261	Never married	107	217	206	192	187
Black and other	138	265	201	199	184	Married	90	167	146	143	136
Divorced ¹						Divorced ¹	57	95	92	108	122
Under 20 years	15	43	20	16	22	Time elapsed since sentencing:					
20-24 years	80	139	133	135	113	6 months or less	101	166	85		
25-34 years	94	204	206	199	210	7-12 months	59	130	99	123	162
35-54 years	58	83	79	88	97	1-3 years	39	155	266	314	237
55 years and over	7	10	6	5	3	4-8 years	30	13	4	6	46
Completed school:						More than 8 years	25	15	-	-	-
7 years or less	48	71	49	49	55						
8 years	33	50	47	46	46						
9-11 years	88	167	145	137	158	Legal status at arrest:					
12 years	49	93	95	88	99	Not under sentence	163	293	274	253	277
More than 12 yr.	11	21	26	25	28	Parole or probation	32	51	50	60	60
Unknown	25	77	82	98	59	Prison or escaped	19	27	22	20	35
						Unknown	40	108	98	110	73

- Represents zero.

¹ Includes persons married but separated, widows, widowers, and unknown.

Source: U.S. Law Enforcement Assistance Administration, *Capital Punishment*, annual.

No. 340. MOVEMENT OF PRISONERS UNDER SENTENCE OF DEATH: 1970 TO 1977

[Prisoners reported under sentence of death by civil authorities. The term "under sentence of death" begins when the court pronounces the first sentence of death for a capital offense. For definition of median, see Guide to Tabular Presentation]

STATUS	1970	1971	1972	1973	1974	1975	1976		1977	
							Total	Murder ¹	Total	Murder ¹
Under sentence of death, Jan. 1 ² -----	557	618	620	359	158	261	473	433	463	438
Received death sentence during year-----	127	104	75	42	151	285	233	224	133	132
Other disposition ³ -----	76	102	365	239	55	67	262	236	153	130
Median elapsed time ⁴ mo.-----	54.4	52.2	46.6	44.4	55	37	13	(NA)	21	(NA)
Under sentence of death, Dec. 31-----	608	620	330	162	254	479	444	421	443	440
Median elapsed time ⁵ mo.-----	36.7	39.7	37.0	37.6	10	9	14	(NA)	20	(NA)

NA Not available. ¹ Prisoners found guilty of murder or of murder and some other crime(s). ² Differences in figures for Jan. 1 and Dec. 31 of following year result from revisions. ³ Includes commutations, resentencings, reversals of judgment, grants for new trial, deaths, etc. ⁴ Period between first imposition of death sentence and date of other disposition. ⁵ Period between first imposition of death sentence and Dec. 31 of year stated.

No. 341. PRISONERS EXECUTED UNDER CIVIL AUTHORITY: 1930 TO 1978

[Excludes executions by military authorities. The Army (including the Air Force) carried out 160 (148 between 1942 and 1950, 3 each in 1954, 1955, and 1957, and 1 each in 1958, 1959, and 1961). Of the total, 106 were executed for murder (including 21 involving rape), 53 for rape, and 1 for desertion. The Navy carried out no executions during the period. See also *Historical Statistics, Colonial Times to 1970*, series H 1155-1167]

YEAR OR PERIOD	Total ¹	White	Black	EXECUTED FOR MURDER			EXECUTED FOR RAPE			OTHER OFFENSES ²			
				Total ¹	White	Black	Total ¹	White	Black	Total ¹	White	Black	
	All years-----	3,860	1,752	2,066	3,335	1,665	1,630	455	48	405	70	39	31
1930-1939-----	1,687	827	816	1,514	803	687	125	10	115	28	14	14	
1940-1949-----	1,284	490	781	1,084	458	595	200	19	179	20	13	7	7
1950-1959-----	717	336	376	601	316	280	102	13	89	14	7	7	
1960-1964-----	181	90	91	145	79	66	28	6	22	8	5	3	
1965-1967-----	10	8	2	10	8	2	-	-	-	-	-	-	
1968-1976-----	-	-	-	-	-	-	-	-	-	-	-	-	
1977-1978 ³ -----	1	1	-	1	1	-	-	-	-	-	-	-	

- Represents zero. ¹ Includes races other than White or Black. ² 25 armed robbery, 20 kidnapping, 11 burglary, 8 espionage (6 in 1942, and 2 in 1953), and 6 aggravated assault. ³ No executions in 1978.

No. 342. PRISONERS EXECUTED UNDER CIVIL AUTHORITY—STATES: 1940 TO 1978

[No executions took place in Alaska, Hawaii, Maine, Michigan, Minnesota, New Hampshire, North Dakota, Rhode Island, and Wisconsin from 1940 to 1978. At no time during this period was the death penalty authorized in Alaska, Hawaii, Maine, Minnesota, and Wisconsin; it was abolished in Michigan in 1963 and lapsed in North Dakota in 1978 through statutory expiration; in the remaining two States, New Hampshire and Rhode Island, the death penalty was authorized during most of the period]

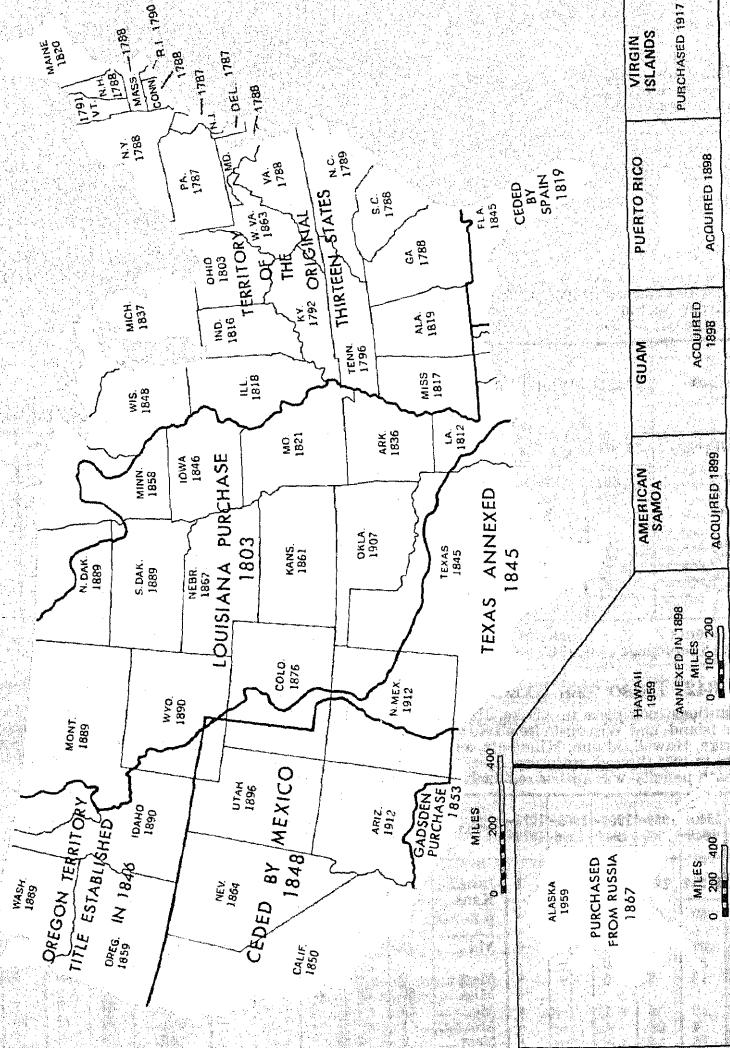
STATE	1940-1949	1950-1959	1960-1967	1968-1977	1977-1978 ¹	STATE	1940-1949	1950-1959	1960-1967	1968-1977	1977-1978 ¹	STATE	1940-1949	1950-1959	1960-1967	1968-1976	1977-1978 ¹
Total ² -----	1,284	717	191	-	1	Iowa-----	7	1	2	-	-	N.C.-----	112	19	1	-	-
						Kans.-----	5	5	5	-	-	Ohio-----	51	32	7	-	-
Ala.-----	50	20	5	-	-	Ky.-----	34	16	1	-	-	Okla.-----	13	7	6	-	-
Ariz.-----	9	8	4	-	-	La.-----	47	27	1	-	-	Oreg.-----	12	4	1	-	-
Ark.-----	38	18	9	-	-	Md.-----	45	6	1	-	-	Fa.-----	36	31	3	-	-
Calif.-----	80	74	30	-	-	Mass.-----	9	-	-	-	-	S.C.-----	61	26	8	-	-
Colo.-----	13	3	6	-	-	Miss.-----	60	36	10	-	-	S.Dak.-----	1	-	-	-	-
Conn.-----	10	5	1	-	-	Mo.-----	15	7	4	-	-	Tenn.-----	37	8	1	-	-
Del.-----	4	-	-	-	-	Mont.-----	1	-	-	-	-	Tex.-----	74	74	29	-	-
D.C.-----	16	4	-	-	-	Nebr.-----	2	2	-	-	-	Utah.-----	4	6	1	-	1
Fla.-----	65	49	12	-	-	Nev.-----	10	9	2	-	-	Vt.-----	1	2	-	-	-
Ga.-----	130	85	14	-	-	N.J.-----	14	17	3	-	-	Va.-----	35	23	6	-	-
Idaho-----	-	3	-	-	-	N.Mex.-----	2	3	1	-	-	Wash.-----	16	6	2	-	-
Ill.-----	18	9	2	-	-	N.Y.-----	114	52	10	-	-	W.Va.-----	11	9	-	-	-
Ind.-----	7	2	1	-	-							Wyo.-----	2	-	1	-	-

- Represents zero. ¹ No executions in 1978. ² Includes 23 Federal executions not shown by State (1940-1949, 13; 1950-1959, 9; and 1960-1967, 1).

Source of tables 340-342: U.S. Law Enforcement Assistance Administration, *National Prisoner Statistics, Capital Punishment*, annual.

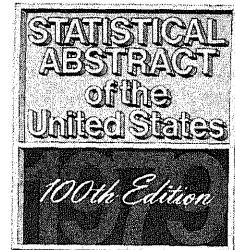
Figure 7.1 Territorial Expansion of the United States and Acquisitions of Other Principal Areas

(See table 343)



Source: U.S. Bureau of the Census.

Geography and Environment



This section presents data on land and water areas, physical geography, and climate of the United States. Statistics on the quality of air and water, on environmental pollutants, and on expenditures for pollution abatement and control are also shown.

There are few publications other than those showing area measurements (issued irregularly by the Bureau of the Census) which present area and geography statistics of a national scope. However, many data are compiled for particular regions or for internal administrative purposes by such Federal agencies as the Geological Survey and National Oceanic and Atmospheric Administration (NOAA). Data on air and water quality and on types and sources of pollutants are compiled by various agencies under the general direction of the U.S. Council on Environmental Quality (CEQ); for details, see the annual report of CEQ, *Environmental Quality*.

Area.—Area measurements were first conducted for the United States as a whole, and gradually were extended to the individual States. The annual report of the U.S. General Land Office for 1850 contained the first reference to measurements of areas of the States and Territories. In 1881, as part of the 1880 Census of Population, the Bureau of the Census laid the foundation for accurate and detailed area measurement in the United States. For the first time an account was given of the methods and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement. As part of the 1940 census, the Bureau published *Areas of the United States: 1940*, in which data were presented on the total land and inland water areas of the States, counties, places, and minor civil divisions. In the 1950 and 1960 census reports, adjustments in selected area figures were made because changes in boundaries, development of water reservoirs, or improvements in the maps from which measurements are made had taken place. In 1964, the Bureau undertook a new measurement of the areas of places with at least 1,000 inhabitants, minor civil divisions, and census county divisions of the 1960 census. The results are published in *Area Measurement Reports, Series GE-20*. The series consists of one report for each State and a U.S. summary. These reports include the same kinds of data as the 1940 report. Land areas of places with populations of 2,500 and over as of 1970 are shown in *Census of Population, 1970*, vol. 1, chapter A; data for counties are shown in the separate State reports.

Geography.—The Geological Survey, cooperating with State and local agencies, is responsible for topographic, geologic, and hydrologic maps; basic data on the quantity, quality, and movement of surface and ground water; and classification of Federal lands for mineral and waterpower potential. Data on water usage are published every five years in *Estimated Use of Water in the United States* (the most recent for 1975).

The National Ocean Survey, a division of NOAA, is responsible for coastal and geodetic surveys and measurement of certain physical phenomena. Currently, its primary functions are to provide charts for marine and air navigation, to maintain a basic network of geodetic control, and to compile other basic data for engineering, scientific, commercial, industrial, and defense needs.

Maps prepared by the Bureau of the Census show boundaries of various types of political and statistical areas, such as unincorporated places, the urbanized areas around large cities, county subdivisions, and census tracts.

Environment.—The CEQ is responsible for coordinating all environmental quality programs, recommending national environmental policies, analyzing changes and trends in the environment, and for reviewing Federal programs affecting the environment.

It reports on its activities in its annual publication, *Environmental Quality*. The principal Federal agency responsible for research and enforcement activities related to pollution abatement and control is the Environmental Protection Agency (EPA). It is also responsible for establishing and monitoring national air quality standards.

Air sampling, conducted by the Public Health Service, began in 17 communities in 1953; in 1957 the National Air Surveillance Network was established and, by the late 1960's, covered approximately 260 urban and 30 rural stations. The operation of the stations was decentralized in 1972 to the 10 regional EPA offices and many of the stations were in turn assimilated into State and locally operated air monitoring networks. The Network determines the extent and nature of air pollution and studies trends in levels of atmospheric contaminants.

National Ambient Air Quality Standards for suspended particulate matter, sulfur dioxide, oxidants, carbon monoxide, and nitrogen dioxide were set by EPA in April 1971. Responsibility for demonstrating compliance with or progress toward achieving these standards lies with the State agencies. Non-Federal sampling stations for suspended particulates increased from approximately 800 in 1969 to over 4,000 in 1975. Data from these State networks are periodically submitted to EPA's National Aerometric Data Bank for summarization in quarterly reports on the nationwide status of, and trends in, air quality; for details, see *National Air Quality Emission Trends*.

Pollution abatement and control expenditures.—Data on expenditures for pollution abatement and control are compiled and published by the Office of Management and Budget (OMB), the U.S. Bureau of Economic Analysis (BEA), the U.S. Bureau of the Census, and the CEQ as part of ongoing programs. OMB collects and publishes figures annually on Federal funds spent for pollution abatement and control in *Special Analyses: Budget of the United States Government*. BEA conducts surveys on national expenditures for pollution abatement and control and presents the data in its *Survey of Current Business*. The U.S. Bureau of the Census collects data on State and local government and industry expenditures for water and air quality control. Data on government expenditures are reported in the annual *Environmental Quality Control: Government Finances*. Industry data are reported periodically in *Current Industrial Reports*. CEQ publishes data in *Environmental Quality*.

Climate.—NOAA, through the National Weather Service and the Environmental Data Service, is responsible for data on climate. NOAA maintains about 11,500 weather stations, of which over 3,000 produce autographic precipitation records, about 600 take automatic or hourly readings of a series of weather elements, and the remainder record data once a day. These data are reported on monthly, with an annual summary, in *Climatological Data: National Summary* and *Local Climatological Data*.

Nearly all weather stations have been moved several times in their history. Consequently, NOAA uses "normal" values of temperature and precipitation for comparative purposes rather than the daily, monthly, and yearly averages which have been derived from records accumulated at the different locations the stations may have had over the years. "Normal" values are obtained by adding the high and the low values recorded for a specified period of time and dividing by 2.

The base period for the normal values of temperature and precipitation is the 30-year period, 1941 through 1970. For stations having records for the entire 30 years from the same instrument site, monthly precipitation and temperature normals are the arithmetic averages of the monthly values for the 30 years. The annual normal temperature is obtained by dividing the sum of the monthly normals by 12.

For stations that did not have continuous records from the same instrument site for the entire 30 years, 1941 through 1970, the means have been adjusted to the record at the present site. In these adjustments, a "difference factor" was used for temperature and a "ratio factor" for precipitation. These factors were determined by parallel comparison with other nearby stations that have a continuous record for the 30-year period

to obtain the resultant adjustment factors. Normals were thereafter obtained by the method described above.

The heating degree-day normals are derived from the monthly mean temperatures, and computed to base 65°F. The heating degree day has been defined as follows: "A unit, based upon temperature difference and time, used in estimating fuel consumption and specifying nominal heating load in winter. For any one day, when the mean temperature is less than 65°F., there exist as many degree days as there are Fahrenheit degree differences in the temperature between the average temperature for the day and 65°F."

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

NO. 343. TERRITORIAL EXPANSION OF THE UNITED STATES AND ACQUISITIONS OF OTHER AREAS

[One square mile = 2.59 square kilometers. Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession, which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1960. See also *Historical Statistics, Colonial Times to 1970*, series J 1-2.]

ACCESSION	Date	GROSS AREA (land and water)		ACCESSION	Date	GROSS AREA (land and water)	
		Sq. mi.	Sq. km.			Sq. mi.	Sq. km.
Total ¹	1970	3,631,407	9,405,344	Other:			
United States ¹	(X)	3,618,467	9,371,829	The Philippines ³	1898	115,600	299,404
Territory in 1790 ²	(X)	888,685	2,301,694	Puerto Rico ⁴	1899	3,435	8,897
Louisiana Purchase	1803	827,192	2,142,427	Guam ⁵	1899	212	549
By treaty with Spain:				American Samoa ⁶	1900	76	197
Florida	1819	58,560	151,670	Canal Zone ⁷	1904	553	1,432
Other areas	1819	13,443	34,817	Corn Islands ⁸	1914	4	10
Texas	1845	390,143	1,010,470	Virgin Islands of the U.S.	1917	133	344
Oregon	1846	285,580	739,652	Trust Territory of the Pacific Islands ⁹	1947	8,480	21,987
Mexican Cession	1848	529,017	1,370,154	All other ¹⁰	(X)	42	109
Gadsden Purchase	1853	29,640	76,768				
Alaska ¹	1867	589,757	1,527,470				
Hawaii	1898	6,450	16,706				

X Not applicable.

¹ Figure for Alaska corrected after 1970 Census of Population final reports were issued.

² Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase.

³ Not included in total. Ceded by Spain in 1898, the Philippines constituted a territorial possession of the United States from 1898 to 1946. Granted independence as of July 4, 1946, they then became the Republic of the Philippines.

⁴ Ceded by Spain in 1898, ratified in 1899, and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1952. ⁵ Acquired 1898; ratified 1899. ⁶ Acquired 1899; ratified 1900.

⁷ Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

⁸ Not included in total for 1970. Leased (1914) from Republic of Nicaragua for 99 years but returned April 1971.

⁹ Under trusteeship. See table 3, footnotes 10 and 13.

¹⁰ Comprises following islands with gross areas as indicated, in sq. mi.: Midway (2), Wake (3), Palmyra (4), Canton and Enderbury (combined area, 27), Swan (1) which were returned to Honduras in 1972, Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston Atoll (combined area, less than .5), Kingman Reef (less than .5), and other islands for which area figures are not available.

Source: U.S. Bureau of the Census, unpublished data.

NO. 344. AREA OF STATES AND OTHER AREAS: 1970

[1 sq. mile = 2.59 sq. kilometers. See also *Historical Statistics, Colonial Times to 1970*, series A 210-263, for land area]

STATE OR OTHER AREA	Year admitted to statehood	TOTAL AREA			LAND AREA ¹		WATER AREA ²		
		Rank	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.	
		(X)	(X)	3,618,467	9,371,829	3,540,023	9,168,659	78,444	203,170
United States ³									
New England		(X)	(X)	66,608	172,515	62,951	163,043	3,657	9,472
Maine	1820	39	33,215	86,027	30,920	80,083	2,295	5,944	
New Hampshire	1788	44	9,304	24,097	9,027	23,380	277	717	
Vermont	1791	43	9,609	24,887	9,267	24,002	342	886	
Massachusetts	1788	45	8,257	21,386	7,826	20,269	431	1,116	
Rhode Island	1790	50	1,214	3,144	1,049	2,717	165	427	
Connecticut	1788	48	5,009	12,973	4,862	12,593	147	381	
Middle Atlantic	(X)	(X)	102,745	266,110	100,318	259,824	2,427	6,285	
New York	1788	30	49,576	128,402	47,831	123,882	1,745	4,520	
New Jersey	1787	46	7,838	20,295	7,521	19,479	315	816	
Pennsylvania	1787	33	45,333	117,412	44,986	116,462	367	951	
East North Central	(X)	(X)	248,283	643,053	244,101	632,222	4,182	10,831	
Ohio	1803	35	41,222	106,765	40,975	106,125	247	640	
Indiana	1816	38	36,291	93,994	36,097	93,491	194	502	
Illinois	1818	24	56,400	146,076	55,748	144,387	682	1,689	
Michigan	1837	23	58,216	150,779	56,817	147,156	1,399	3,623	
Wisconsin	1848	25	56,154	145,439	54,484	141,062	1,690	4,377	
West North Central	(X)	(X)	517,247	1,339,670	507,723	1,315,003	9,524	24,667	
Minnesota	1858	12	84,068	217,736	79,289	205,359	4,779	12,378	
Iowa	1846	25	55,290	145,791	55,941	144,887	349	904	
Missouri	1821	19	63,886	180,487	68,695	178,697	691	1,790	
North Dakota	1889	17	70,665	183,022	69,273	179,417	1,392	3,605	
South Dakota	1889	18	77,047	199,552	75,955	198,723	1,092	2,828	
Nebraska	1867	15	77,227	200,018	76,493	198,091	744	1,927	
Kansas	1861	14	82,264	213,064	81,787	211,828	477	1,235	
South Atlantic	(X)	(X)	278,776	722,030	266,970	691,452	11,806	30,578	
Delaware	1787	49	2,057	5,328	1,982	5,133	75	194	
Maryland	1788	42	10,577	27,394	9,891	25,618	686	1,777	
District of Columbia	(X)	(X)	67	174	61	158	6	16	
Virginia	1788	36	40,817	105,716	39,780	103,030	1,037	2,686	
West Virginia	1863	41	24,181	62,629	24,070	62,341	111	287	
North Carolina	1789	28	52,586	136,198	48,798	128,387	3,785	9,811	
South Carolina	1788	40	31,055	80,432	30,225	78,283	830	2,150	
Georgia	1788	21	58,876	152,489	58,073	150,409	803	2,080	
Florida	1845	22	58,560	151,670	54,090	140,093	4,470	11,577	
East South Central	(X)	(X)	181,964	471,287	178,982	463,563	2,982	7,723	
Kentucky	1792	37	40,395	104,623	39,650	102,694	745	1,930	
Tennessee	1796	34	42,244	109,412	41,328	107,040	916	2,372	
Alabama	1819	29	51,609	133,667	50,708	131,334	901	2,334	
Mississippi	1817	32	47,716	123,584	47,296	122,497	420	1,088	
West South Central	(X)	(X)	438,884	1,136,710	427,791	1,107,979	11,093	28,731	
Arkansas	1836	27	53,104	137,539	51,945	134,538	3,159	9,002	
Louisiana	1812	31	48,523	125,675	44,930	116,369	3,593	9,306	
Oklahoma	1907	18	69,919	181,090	68,782	178,145	1,137	2,945	
Texas	1845	2	267,388	692,405	262,134	678,927	5,204	13,478	
Mountain	(X)	(X)	863,887	2,237,467	856,047	2,217,162	7,840	20,306	
Montana	1889	4	147,138	381,087	145,587	377,070	1,551	4,017	
Idaho	1890	13	83,557	216,413	82,677	214,138	880	2,279	
Wyoming	1890	9	97,914	253,597	97,203	251,758	711	1,841	
Colorado	1876	8	104,247	270,000	103,766	268,754	481	1,246	
New Mexico	1912	5	121,666	315,115	121,412	314,457	254	658	
Arizona	1912	6	113,909	295,024	113,417	293,750	492	1,274	
Utah	1896	11	84,916	219,932	82,096	212,629	2,820	7,304	
Nevada	1864	7	110,540	286,299	109,889	284,613	651	1,686	
Pacific ³	(X)	(X)	920,073	2,382,989	895,140	2,318,413	24,933	64,576	
Washington	1889	20	68,192	176,617	66,570	172,416	1,622	4,201	
Oregon	1859	10	96,981	251,181	96,184	249,117	797	2,064	
California	1850	3	158,693	411,015	156,361	404,975	2,332	6,040	
Alaska ⁴	1959	1	589,757	1,527,470	569,600	1,475,264	20,157	52,206	
Hawaii	1969	47	6,450	16,706	6,425	16,641	25	65	
Other areas:									
Puerto Rico	(X)	(X)	3,435	8,897	3,421	8,860	14	36	
American Samoa	(X)	(X)	76	197	76	197	-	-	
Canal Zone ⁵	(X)	(X)	553	1,432	362	938	191	405	
Guam	(X)	(X)	212	549	209	541	3	8	
Trust Ter. of Pacific Is. ⁶	(X)	(X)	8,489	21,987	717	1,857	7,772	20,129	
Virgin Islands of U.S.	(X)	(X)	133	344	132	342	1	3	

- Represents zero. X. Not applicable. ¹ Dry land and land temporarily or partially covered by water, as marshland, swamps, etc.; streams and canals under one-eighth statute mile wide; and lakes, reservoirs, and ponds under 40 acres of area. ² Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water, and islands having less than 40 acres of area. Excludes areas of oceans, bays, sounds, etc., lying within U.S. jurisdiction but not defined as inland water. ³ Figures for Alaska corrected after 1970 Census of Population final reports were issued. ⁴ Year of ratification of Constitution; one of the original 13 States. ⁵ See table 3, footnote 8. ⁶ See table 3, footnotes 9 and 12.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, and *Area Measurement Reports*, series GE-20, No. 1.

No. 345. COASTLINE OF THE UNITED STATES, BY STATES

(One mile = 1.609 kilometers)

STATE	GENERAL COASTLINE ¹		TIDAL SHORELINE ²		STATE	GENERAL COASTLINE ¹		TIDAL SHORELINE ²	
	Statute miles	Kilo-meters	Statute miles	Kilo-meters		Statute miles	Kilo-meters	Statute miles	Kilo-meters
U.S.	12,383	19,924	88,633	142,610	Gulf coast	1,631	2,624	17,141	27,580
Atlantic coast	2,069	3,329	28,673	46,135	Ala.	53	85	607	977
Conn.	—	—	618	994	Fla.	770	1,239	5,095	8,198
Del.	28	45	381	613	La.	397	639	7,721	12,423
Fla.	580	933	3,331	5,360	Miss.	44	71	359	578
Ga.	100	161	2,344	3,771	Tex.	367	591	3,359	5,405
Maine	228	367	3,478	5,596	Pacific coast	7,623	12,265	40,298	64,839
Md.	31	50	3,190	5,133	Alaska	5,580	8,978	31,383	50,495
Mass.	192	309	1,519	2,444	Calif.	840	1,352	3,427	5,314
N.H.	13	21	131	211	Hawaii	750	1,207	1,052	1,698
N.J.	130	209	1,792	2,883	Oreg.	296	476	1,410	2,269
N.Y.	127	204	1,850	2,977	Wash.	157	253	3,026	4,869
N.C.	301	484	3,375	5,430	Arctic coast, Alaska	1,060	1,706	2,521	4,056
Pa.	—	—	89	143					
R.I.	40	64	384	618					
S.C.	187	301	2,876	4,627					
Va.	112	180	3,315	5,334					

— Represents zero.

¹ Figures are lengths of general outline of seacoast. Measurements were made with a unit measure of 30 minutes of latitude on charts as near the scale of 1:1,200,000 as possible. Coastline of sounds and bays is included to a point where they narrow to width of unit measure, and includes the distance across at such point.² Figures obtained in 1939-1940 with a recording instrument on the largest-scale charts and maps then available. Shoreline of outer coast, offshore islands, sounds, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.Source: U.S. National Oceanic and Atmospheric Administration, *The Coastline of the United States*, 1975.

No. 346. WATER AREA, OTHER THAN INLAND WATER—STATES

[Includes only that portion of body of water under the jurisdiction of the United States, excluding Alaska and Hawaii. Excludes inland waters; see footnote 2, table 344. One square mile = 2.59 square kilometers]

BODY OF WATER	AREA		BODY OF WATER	AREA	
	Sq. mi.	Sq. km.		Sq. mi.	Sq. km.
Total	74,364	192,603	Gulf of Mexico coastal water	3,837	9,938
Atlantic coastal water	2,298	5,952	Alabama	560	1,450
Florida	37	96	Florida	1,698	4,398
Georgia	48	124	Louisiana	1,016	2,631
Maine	1,102	2,854	Mississippi	556	1,440
Massachusetts	950	2,484	Texas	7	18
Rhode Island	14	36	Lake Michigan	22,178	57,441
South Carolina	138	357	Illinois	1,526	3,952
Chesapeake Bay	3,237	8,384	Indiana	228	591
Maryland	1,726	4,470	Michigan	13,037	33,766
Virginia	1,511	3,913	Wisconsin	7,387	19,132
Delaware Bay	665	1,722	New York Harbor	92	238
Delaware	350	907	New Jersey	69	179
New Jersey	315	816	New York	23	60
Lake Erie	5,002	12,955	Lake Ontario: New York	3,033	7,855
Michigan	216	559	Pacific coastal water	343	888
New York	594	1,538	California	69	179
Ohio	3,457	8,954	Oregon	48	124
Pennsylvania	735	1,904	Washington	226	585
Straits of Georgia and Juan de Fuca:			Puget Sound: Washington	561	1,453
Washington	1,610	4,170	Lake St. Clair: Michigan	116	300
Lake Huron: Michigan	8,975	23,245	Lake Superior	21,118	54,696
Long Island Sound	1,299	3,364	Michigan	16,231	42,038
Connecticut	573	1,484	Minnesota	2,212	5,729
New York	726	1,880	Wisconsin	2,675	6,928

Source: U.S. Bureau of the Census, *Areas of the United States: 1940*.

NO. 347. EXTREME AND MEAN ELEVATIONS—STATES AND OTHER AREAS

[One foot = .305 meter]

STATE OR OTHER AREA	HIGHEST POINT		LOWEST POINT		APPROXIMATE MEAN ELEVATION			
	Name	Elevation		Name	Elevation			
		Feet	Meters		Feet	Meters		
U.S.	Mt. McKinley (Alaska)	20,320	6,198	Death Valley (Calif.)	-282	-86	2,500	763
Ala.	Cheaha Mountain	2,407	734	Gulf of Mexico	(¹)	(¹)	500	153
Alaska	Mount McKinley	20,320	6,198	Pacific Ocean	(¹)	(¹)	1,900	580
Ariz.	Humphreys Peak	12,633	3,853	Colorado River	70	21	4,100	1,251
Ark.	Magazine Mountain	2,753	840	Ouachita River	55	17	650	198
Calif.	Mount Whitney	14,494	4,421	Death Valley	-282	-86	2,900	885
Colo.	Mount Elbert	14,433	4,402	Arkansas River	3,350	1,022	6,800	2,074
Conn.	Mt. Frissell, on South slope	2,380	726	Long Island Sound	(¹)	(¹)	500	753
Del.	Ebright Road, New Castle Co.	442	135	Atlantic Ocean	(¹)	(¹)	60	18
D.C.	Tenleytown	410	125	Potomac River	1	(²)	150	46
Fla.	Sec. 30, T6N, R20W, Walton County ²	345	105	Atlantic Ocean	(¹)	(¹)	100	31
Ga.	Brasstown Bald	4,784	1,459	Atlantic Ocean	(¹)	(¹)	600	183
Hawaii	Mauna Kea	13,796	4,208	Pacific Ocean	(¹)	(¹)	3,030	924
Idaho	Borah Peak	12,662	3,862	Snake River	710	217	5,000	1,525
Ill.	Charles Mound	1,235	377	Mississippi River	279	85	600	183
Ind.	Franklin Twp., Wayne Co.	1,257	383	Ohio River	320	98	700	214
Iowa	Sec. 29, T100N, R41W, Oscoda County ²	1,670	509	Mississippi River	480	146	1,100	336
Kans.	Mount Sunflower	4,039	1,232	Verdigris River	680	207	2,000	610
Ky.	Black Mountain	4,145	1,264	Mississippi River	257	78	750	229
La.	Driskill Mountain	535	163	New Orleans	-5	-2	100	31
Maine	Mount Katahdin	5,268	1,607	Atlantic Ocean	(¹)	(¹)	600	183
Md.	Backbone Mountain, near Kempton, W.Va.	3,360	1,025	Atlantic Ocean	(¹)	(¹)	350	107
Mass.	Mount Greylock	3,491	1,065	Atlantic Ocean	(¹)	(¹)	500	153
Mich.	Mount Curwood	1,980	604	Lake Erie	572	174	900	275
Minn.	Eagle Mountain, Cook Co.	2,301	702	Lake Superior	602	184	1,200	366
Miss.	Woodall Mountain, near Iuka	806	246	Gulf of Mexico	(¹)	(¹)	300	92
Mo.	Taum Sauk Mountain	1,772	540	St. Francis River	230	70	800	244
Mont.	Granite Peak	12,799	3,904	Kootenai River	1,800	549	3,400	1,037
Nebr.	Johnson Twp., Kimball Co., T12N, R35W ²	5,426	1,665	Southeast corner of State	840	256	2,600	793
Nev.	Boundary Peak	13,143	4,008	Colorado River	470	143	5,500	1,673
N.H.	Mount Washington	6,288	1,918	Atlantic Ocean	(¹)	(¹)	1,000	305
N.J.	High Point	1,803	550	Atlantic Ocean	(¹)	(¹)	250	76
N.Mex.	Wheeler Peak	13,161	4,014	Red Bluff Reservoir	2,817	859	5,700	1,739
N.Y.	Mount Marcy	5,344	1,630	Atlantic Ocean	(¹)	(¹)	1,000	305
N.C.	Mount Mitchell	6,684	2,039	Atlantic Ocean	(¹)	(¹)	700	214
N.Dak.	White Butte, Slope Co.	3,506	1,069	Red River	750	229	1,900	580
Ohio	Campbell Hill	1,550	473	Ohio River	433	132	850	259
Okla.	Black Mesa	4,973	1,517	Little River	287	88	1,300	397
Oreg.	Mount Hood	11,239	3,426	Pacific Ocean	(¹)	(¹)	3,300	1,007
Pa.	Mount Davis	3,213	980	Delaware River	(¹)	(¹)	1,100	336
R.I.	Jerimoth Hill	812	248	Atlantic Ocean	(¹)	(¹)	200	61
S.C.	Sassafras Mountain	3,560	1,088	Atlantic Ocean	(¹)	(¹)	350	107
S.Dak.	Harney Peak	7,242	2,209	Big Stone Lake	962	293	2,200	671
Tenn.	Clingmans Dome	6,643	2,026	Mississippi River	182	56	900	275
Tex.	Guadalupe Peak	8,751	2,669	Gulf of Mexico	(¹)	(¹)	1,700	519
Utah	Kings Peak	13,528	4,126	Beaverdam Creek	2,000	610	6,100	1,861
Vt.	Mount Mansfield	4,393	1,340	Lake Champlain	95	29	1,000	305
Va.	Mount Rogers	5,729	1,747	Atlantic Ocean	(¹)	(¹)	950	290
Wash.	Mount Rainier	14,410	4,395	Pacific Ocean	(¹)	(¹)	1,700	519
W.Va.	Spruce Knob	4,363	1,483	Potomac River	240	73	1,500	458
Wis.	Timms Hill	1,952	595	Lake Michigan	581	177	1,050	314
Wyo.	Gannett Peak	13,804	4,210	Belle Fourche River	3,100	946	6,700	2,044
Other areas:								
P.Rico.	Cerro de Punta	4,389	1,339	Atlantic Ocean	(¹)	(¹)	1,800	549
Am.								
Samoa	Lata Mountain	3,160	964	Pacific Ocean	(¹)	(¹)	1,300	397
C.Zone.	Cerro Galera	1,205	368	Atlantic Ocean	(¹)	(¹)	280	85
Guam	Mount Lamlam	1,329	405	Pacific Ocean	(¹)	(¹)	330	101
V.I.s.	Crown Mountain	1,556	475	Atlantic Ocean	(¹)	(¹)	750	229

^Z Less than .5 meter.¹ Sea level. ²"Sec." denotes section; "T," township; "R," range; "N," north; "W," west.Source: U.S. Geological Survey, *Elevations and Distances in the United States*, 1973.

No. 348. LENGTHS OF PRINCIPAL RIVERS

[Comprises rivers 600 miles or more in length. Length represents distance to designated outflow from (a) original headwater of named river where name applies to entire length of channel, or (b) upper limit of channel so named, usually the junction of 2 tributaries or headwater streams. One mile = 1.609 kilometers]

RIVER/OUTFLOW	LENGTH		RIVER/OUTFLOW	LENGTH	
	Miles	Kilo-meters		Miles	Kilo-meters
Arkansas/Mississippi River-----	1,450	2,333	Missouri-Red Rock/Mississippi River-----	2,564	4,125
Brazos/Gulf of Mexico-----	1,309	2,108	Mobile-Alabama-Coosa/Mobile Bay-----	639	1,028
Canadian/Arkansas River-----	906	1,458	North Canadian/Canadian River-----	784	1,261
Cimarron/Arkansas River-----	698	1,123	North Platte/Platte River-----	680	1,094
Colorado (U.S.-Mex.)/Gulf of Calif.-----	1,450	2,333			
Colorado (Texas)/Matagorda Bay-----	894	1,438	Ohio/Mississippi River-----	981	1,578
Columbia/Pacific Ocean-----	1,214	1,953	Ohio-Allegheny/Mississippi River-----	1,306	2,101
Columbia, Upper/to mouth of Snake River-----	890	1,432	Ouachita/Red River-----	605	973
Cumberland/Ohio River-----	687	1,105	Pecos/Rio Grande-----	926	1,490
Gila/Colorado River-----	630	1,014	Red (Okla.-Tex.-La.)/Mississippi River-----	1,222	1,966
Green (Utah-Wyo.)/Colorado River-----	730	1,175	Rio Grande/Gulf of Mexico-----	1,885	3,033
James (N.Dak.-S.Dak.)/Missouri River-----	710	1,142	St. Lawrence/Lake Ontario-----	800	1,287
Kuskokwim/Kuskokwim Bay-----	800	1,287	Snake/Columbia River-----	1,000	1,600
Milk/Missouri River-----	625	1,006	Tanana/Yukon River-----	800	1,287
Mississippi/Mouth of SW Pass-----	2,348	3,778	Tennessee-French Broad/Ohio River-----	869	1,398
Mississippi, Upper/to mouth of Missouri River-----	1,171	1,884	Trinity/Trinity Bay-----	715	1,150
Mississippi-Missouri-Red Rock/mouth of SW Pass-----	3,741	6,019	Washita/Red River-----	626	1,007
Missouri/Mississippi River-----	2,315	3,725	White (Ark.-Mo.)/Mississippi River-----	685	1,102
			Yellowstone/Missouri River-----	671	1,080
			Yukon/Bering Sea-----	1,875	3,017

Source: U.S. Corps of Engineers, unpublished data.

No. 349. AREAS OF SELECTED NATURAL LAKES

[Comprises lakes with surface area of 150 square miles or more. One square mile = 2.59 square kilometers]

LAKE AND LOCATION	AREA		LAKE AND LOCATION	AREA	
	Sq. mi.	Sq. km.		Sq. mi.	Sq. km.
Becharof (Alaska)-----	452	1,188	Lake of the Woods (Minn. and Canada)-----	1,485	3,846
Champlain (N.Y., Vt., and Canada)-----	490	1,269	Leech (Minn.)-----	176	456
Flathead (Montana)-----	197	510	Mille Lacs (Minn.)-----	207	536
Great Salt ¹ (Utah)-----	² 1,655	² 4,365	Naknek (Alaska)-----	242	627
Iliamna (Alaska)-----	1,000	2,590	Okeechobee (Fla.)-----	700	1,813
Lake Erie (Mich., N.Y., Ohio, Pa., and Canada)-----	9,940	25,745	Pontchartrain ¹ (La.)-----	625	1,619
Lake Huron (Mich. and Canada)-----	23,010	59,596	Pyramid ¹ (Nev.)-----	¹ 172	² 445
Lake Michigan (Ill., Ind., Mich., and Wis.)-----	22,400	58,016	Rainy (Minn. and Canada)-----	345	894
Lake Ontario (N.Y. and Canada)-----	7,540	19,529	Red Lake, Upper and Lower (Minn.)-----	451	1,168
Lake Superior (Mich., Minn., Wis., and Canada)-----	31,820	82,414	St. Clair (Mich. and Canada)-----	460	1,191
			Salton Sea ¹ (Calif.)-----	² 374	² 969
			Tahoe (Calif. and Nev.)-----	193	500
			Teshekpuk (Alaska)-----	315	816
			Winnebago (Wis.)-----	215	557

¹ Salty. ² Variable. Estimated from elevation of water surface as of December 1976.

Source: U.S. Geological Survey, *Principal Lakes of the United States*, Circular 476.

NO. 350. ESTIMATED DAILY WATER USE: 1940 TO 1975, AND PROJECTIONS TO 2000
 [In billions of gallons. 1940-1960 not strictly comparable to later years due to differences in estimation procedures.
 Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series J 92-103]

YEAR	TOTAL WATER USE ¹		IRRIGATION ²		PUBLIC WATER UTILITIES ³		SELF-SUPPLIED USES					
							Rural domestic ⁴		Industrial and miscellaneous ⁵		Steam electric utilities ¹	
	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground
1940-----	136.43	22.55	71.03	11.22	10.10	2.82	3.10	2.64	29.00	5.86	23.20	.02
1950-----	202.70	35.19	100.00	19.80	14.10	3.78	4.60	4.09	38.10	7.47	46.90	.05
1960-----	322.90	58.17	135.00	35.24	22.00	5.68	6.00	5.58	61.20	11.57	98.70	.10
1965-----	269.62	48.57	110.85	30.04	23.74	5.96	4.08	3.86	46.41	8.63	84.54	.08
1970-----	372.18	68.71	127.12	45.27	27.34	9.42	4.46	3.55	47.41	9.04	165.85	1.43
1975-----	337.55	82.14	158.23	56.30	26.36	10.70	3.98	3.90	60.08	9.77	88.90	1.47
1985-----	329.35	80.14	165.76	54.93	20.63	10.44	4.52	3.81	34.58	9.53	94.86	1.43
2000-----	306.03	74.47	153.54	51.04	34.17	9.70	4.91	3.54	33.36	8.86	80.05	1.33

¹ Beginning 1975, decline in water use reflects the increasing use of recycled treated effluents and cooling water by industrial water users and steam electric utilities. ² Total take, including delivery losses but not including reservoir evaporation. ³ Includes domestic central and commercial water withdrawals. ⁴ Rural farm and nonfarm household and garden use, and water for farm stock and dairies. ⁵ For 1940-1960, includes manufacturing and mineral industries, rural commercial industries, air conditioning, resorts, hotels, motels, military and other State and Federal agencies, and other miscellaneous; thereafter, includes manufacturing, mining and mineral processing, ordinance, construction, and other miscellaneous.

Source: U.S. Bureau of Domestic Business Development, 1940-1960 based principally on committee prints, *Water Resources Activities in the United States*, for the Senate Committee on National Water Resources, U.S. Senate, 1960; 1965, *National Assessment of the Water Resources Council*, 1968; 1970, U.S. Geological Survey Circular 676, *Estimated Use of Water in the United States in 1970*; thereafter, U.S. Water Resources Council, preliminary reports of the second *National Assessment by the Water Resources Council*.

NO. 351. WATER WITHDRAWN PER DAY—STATES AND PUERTO RICO: 1970 AND 1975
 [Figures may not add due to rounding. Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water; excludes water used for hydroelectric power]

STATE	WATER WITHDRAWN					STATE OR OTHER AREA	WATER WITHDRAWN					Fresh water consumed, ² 1975 (mil. gal.)		
	1970		1975				1970		1975					
	Per capita ¹ (gal.)	Total (bil. gal.)	Per capita ¹ (gal.)	Total (bil. gal.)	Sur- face (bil. gal.)		Per capita ¹ (gal.)	Total (bil. gal.)	Per capita ¹ (gal.)	Total (bil. gal.)	Sur- face (bil. gal.)			
	Total	1,800	370.0	1,900	420.0	330	96,000	Mont.	12,000	8.0	16,000	12.0		
Ala.	1,900	6.7	2,500	9.1	9	260	(Z)	Nebr.	4,100	6.0	5,600	8.7		
Alaska	830	.3	570	.2		6	Nev.	6,700	3.3	5,900	3.5			
Ariz.	3,900	6.8	3,500	7.8	3	5,900	N.H.	940	.7	1,200	1.0			
Ark.	1,600	3.0	2,400	5.1	3	2,200	N.J.	870	6.3	900	6.6			
Calif.	2,400	48.0	2,400	51.0	31	23,000	N. Mex.	3,100	3.2	2,800	3.2			
Colo.	6,300	13.0	3,900	10.0	7	5,300	N.Y.	970	18.0	1,300	24.0			
Conn.	1,200	3.5	870	2.7	3	160	N.C.	1,200	5.9	1,100	6.0			
Del.	2,200	1.2	3,600	2.1	2	39	N. Dak.	1,000	.7	1,400	.9			
D.C.	1,700	1.3	410	.3		18	Ohio	1,700	18.0	1,500	16.0			
Fla.	2,300	15.0	2,100	18.0	15	2,300	Okla.	590	1.5	850	2.3			
Ga.	1,200	5.3	1,200	5.9	5	390	Oreg.	2,800	5.9	3,000	6.9			
Hawaii	3,500	2.7	2,900	2.5	2	560	Pa.	1,700	20.0	1,500	18.0			
Idaho	22,000	16.0	21,000	17.0	12	4,900	R.I.	490	.5	520	.5			
Ill.	1,400	16.0	1,200	13.0	12	200	S.C.	1,300	3.4	2,100	5.8			
Ind.	1,700	8.6	2,100	11.0	11	370	S.D.	910	.6	810	.6			
Iowa	750	2.1	1,200	3.5	3	220	Tenn.	1,600	6.4	1,800	7.6			
Kans.	1,700	3.8	2,600	5.8	1	4,100	Tex.	2,400	27.0	2,400	29.0			
Ky.	1,400	4.5	850	2.9	3	180	Utah	4,000	4.2	3,400	4.1			
La.	2,500	9.1	3,200	12.0	10	3,200	Vt.	250	.1	700	.3			
Maine	750	.8	1,100	1.2	1	41	Va.	1,200	5.5	1,500	7.5			
Md.	1,300	5.2	1,800	7.4	7	110	Wash.	2,100	7.2	2,000	7.2			
Mass.	740	4.2	1,500	8.8	8	110	W. Va.	3,300	5.8	3,400	6.2			
Mich.	1,500	13.0	1,600	15.0	14	310	Wis.	1,400	6.3	690	3.2			
Minn.	900	3.4	1,000	4.0	3	270	Wyo.	17,000	5.8	19,000	7.2			
Miss.	950	2.1	900	2.1	1	530	P.R. ¹	1,100	3.0	1,200	4.2			
Mo.	750	3.5	860	4.1	4	400					4	250		

Z Less than 500 million. ¹ Based on population as of July 1. ² Evaporated, transpired, or incorporated into products; excludes irrigation conveyance losses by evapotranspiration. ³ Includes Virgin Islands.

Source: U.S. Geological Survey, *Estimated Use of Water in the United States in 1970 and 1975*, Circulars 676 and 765.

No. 352. STATUS OF AUTHORIZED FEDERAL WATER PROJECTS OF THE CORPS OF ENGINEERS AND BUREAU OF RECLAMATION: 1980

[In millions of dollars, except number of projects. For year ending Sept. 30]

STATUS	Number of projects	Total estimated Federal cost ¹	Allocation through 1979	1980 budget allocations	Balance to complete
Corps of Engineers, total²	4,357	56,887	28,424	1,807	26,655
Construction not started	209	10,643	137	22	10,483
Active underway	261	11,023	11,023	1,730	8,992
Completed projects	3,476	16,982	16,982	-	-
Deferred projects	126	1,674	39	-	1,635
Bureau of Reclamation, total²	266	18,122	8,226	576	9,320
Construction not started	10	914	16	2	896
Active underway	78	13,830	5,805	574	7,451
Completed projects	163	2,344	2,344	-	-

¹ Represents zero.¹ Gross cost for all years, excluding reimbursements, revenues, and contributions by other parties.² Includes inactive and other, not shown separately.Source: U.S. Corps of Engineers, *Civil Works Summary—Active Authorized Backlog, Fiscal Year 1980*, and U.S. Bureau of Reclamation, unpublished data.

No. 353. POPULATION USING FLUORIDATED WATER—STATES AND PUERTO RICO: 1975

[Fluoridation status as of December 31, 1975; population estimates as of July 1, 1973. Includes both natural and adjusted fluoridation. Based on information supplied by State health departments]

STATE	Population, 1973, (1,000)	Percent using fluoridated water, 1975	STATE	Population, 1973, (1,000)	Percent using fluoridated water, 1975	STATE	Population, 1973, (1,000)	Percent using fluoridated water, 1975	STATE OR OTHER AREA	Population, 1973, (1,000)	Percent using fluoridated water, 1975
U.S.	209,819	49.4	Ill.	11,176	86.2	Mont.	729	26.6	R.I.	967	66.8
Ala.	3,545	31.5	Ind.	5,304	61.1	Nebr.	1,532	46.1	S.C.	2,723	53.4
Alaska	330	47.2	Iowa	2,862	61.9	Nev.	551	2.7	S. Dak.	681	61.5
Ariz.	2,073	31.2	Kans.	2,264	95.7	N.H.	794	13.2	Tenn.	4,094	67.0
Ark.	2,034	38.3				N.J.	7,325	21.4	Tex.	11,828	52.8
Calif.	20,651	22.0	Ky.	3,328	51.4				Utah	1,150	2.3
Colo.	2,467	83.8	La.	3,745	23.2	N. Mex.	1,099	63.8			
Conn.	3,079	79.4	Maine	1,038	40.6	N.Y.	18,213	66.1	Vt.	465	36.9
Del.	572	39.5	Md.	4,073	68.1	N.C.	5,302	45.4	Va.	4,843	51.3
D.C.	733	98.4	Mass.	5,799	21.6	N. Dak.	635	50.7	Wash.	3,431	39.8
Fla.	7,745	35.8	Mich.	9,061	76.1	Ohio	10,743	41.4	W. Va.	1,788	50.7
Ga.	4,818	41.5	Minn.	3,890	71.5	Oklahoma	2,668	63.3	Wis.	4,539	62.2
Hawaii	841	6.4	Miss.	2,317	24.6	Oreg.	2,219	10.7	Wyo.	352	21.0
Idaho	775	33.5	Mo.	4,767	40.4	Pa.	11,861	46.2	P.R.	2,950	81.4

Source: U.S. Center for Disease Control, Atlanta, Ga., *Fluoridation Census, 1975*.

No. 354. GOVERNMENTAL EXPENDITURES FOR WATER, LAND, AND AIR QUALITY CONTROL ACTIVITIES: 1975 TO 1977

[In millions of dollars. For fiscal years ending in year stated. Covers regulatory, administrative, operational, and other activities directly related to the prevention, control, and abatement of water, land, and air pollution]

LEVEL OF GOVERNMENT	WATER QUALITY CONTROL			LAND QUALITY CONTROL ¹			AIR QUALITY CONTROL		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
Federal expenditures	2,552	3,139	4,318	62	98	125	213	242	256
Direct	377	456	467	55	94	118	179	189	200
Intergovernmental	2,175	2,682	3,851	7	4	7	34	53	56
State expenditures	751	939	862	105	108	134	95	157	189
Direct	316	326	381	89	87	121	86	148	178
Intergovernmental	436	613	481	16	21	14	9	10	11
Local expenditures, direct ²	5,323	6,008	6,466	2,127	2,321	2,337	41	39	32
Current operation	1,695	1,988	2,316	1,845	2,056	2,104	38	38	31
Capital outlay	3,628	4,020	4,150	282	235	233	3	1	1

¹ Includes collection, disposal, and recycling of trash, garbage, and other solid or hazardous waste, street cleaning, State government highway litter program, licensing and inspection, enforcement, etc. See footnote 2.² Water quality control represents sewerage; land quality control, "sanitation other than sewerage" activities; and air quality control, expenditures only for cities with at least 300,000 population and counties with at least 500,000 population.Source: U.S. Bureau of the Census, *Environmental Quality Control, Governmental Finances: Fiscal Year 1974-75* (GSS No. 83), *Fiscal Year 1975-76* (GSS No. 86), and *Fiscal Year 1976-77* (GSS No. 90).

NO. 355. NATIONAL EXPENDITURES FOR POLLUTION ABATEMENT AND CONTROL IN CURRENT AND CONSTANT (1972) DOLLARS, 1972 TO 1977, AND BY MEDIA, 1977

[In millions of dollars, except percent. Excludes agricultural business, real estate operators, private medical, legal, educational, and cultural services, and nonprofit organizations]

TYPE	1972	1973	1974	1975	1976	1977, prel.			
						Total ¹	Air	Water	Solid waste
CURRENT DOLLARS									
Total expenditures	18,687	22,411	26,219	30,825	34,334	37,504	15,637	16,374	5,785
Percent Government of total	29.4	27.9	28.7	28.6	28.1	26.8	4.5	42.6	30.6
Pollution abatement	17,499	21,019	24,634	29,074	32,357	35,343	14,713	15,815	5,707
Personal consumption	1,598	2,152	2,746	3,613	4,205	4,541	4,541	-	-
Durable goods	467	663	675	1,334	1,795	2,129	2,129	-	-
Nondurable goods and services	1,131	1,480	2,071	2,279	2,410	2,412	2,412	-	-
Business	11,076	13,430	15,346	17,785	19,785	22,214	9,853	9,329	3,993
On capital account	5,711	7,049	7,342	8,391	8,980	9,735	4,888	4,320	557
On current account	5,365	6,390	8,004	9,393	10,805	12,479	4,995	5,000	3,436
Government	4,824	5,428	6,542	7,676	8,367	8,589	320	6,486	1,714
Federal	140	205	297	435	476	498	107	279	43
State and local	1,330	1,456	1,621	1,804	1,871	1,920	40	209	1,671
Govt. enterprise fixed capital	3,355	3,767	4,624	5,437	6,021	6,172	173	5,998	-
Regulation and monitoring ²	367	490	597	648	710	829	237	376	39
Federal	200	278	349	375	387	427	80	149	26
Research and development ²	822	902	988	1,104	1,266	1,332	086	183	40
Private	518	568	606	607	690	712	536	77	22
Federal	205	269	344	450	531	569	144	88	14
CONSTANT (1972) DOLLARS									
Total expenditures	18,687	21,055	21,232	22,803	23,950	24,459	9,773	10,768	4,026
Pollution abatement	17,499	19,749	19,874	21,437	22,506	22,082	9,151	10,383	3,072
Personal consumption	1,598	2,048	2,185	2,699	3,004	3,091	3,091	-	-
Business	11,076	12,649	12,181	12,662	13,274	13,918	5,857	5,852	2,774
Government	4,824	5,052	5,509	6,077	6,228	5,974	203	4,531	1,197
Regulation and monitoring	367	458	518	518	533	582	165	261	27
Research and development	822	848	840	847	911	895	457	124	27

¹ Represents zero. ¹ Includes expenditures for abatement and control of noise, radiation, and pesticide pollution, and unallocated business expenditures, not shown separately.

² Includes State and local governments, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, February 1979.

NO. 356. FEDERAL FUNDS FOR POLLUTION ABATEMENT AND CONTROL—SUMMARY: 1975 TO 1979

[In millions of dollars. For years ending Sept. 30, except 1975, year ending June 30, except as noted. Obligations refer to liabilities, contracts, and other commitments entered into requiring payment of money by the Government. Outlays refer to the issuance of checks or disbursements of cash by the Government to liquidate obligations. Outlays during any fiscal year may be payments of obligations incurred in prior years or in same year]

MEDIA OR POLLUTANT	OBLIGATIONS					AGENCY	OUTLAYS				
	1975	1976 ¹	1977	1978	1979 ²		1975	1976 ¹	1977	1978	1979 ²
Total	6,103	7,536	10,029	5,370	6,365	Total	3,571	5,970	5,829	5,934	6,201
Water	5,179	6,128	8,693	3,922	4,624	EPA ⁴	2,530	4,226	4,365	4,072	4,104
Air	348	419	416	456	491	Dept. of Energy ⁵	(X)	(X)	242	395	426
Land	57	150	94	132	199	Dept. of Defense	355	631	482	453	521
Other	519	840	825	860	1,051	Dept. of Agriculture	143	196	193	213	233
Selected pollutants: ³						Dept. of Interior	53	89	87	94	137
Radiation	160	144	97	188	175	Dept. of Commerce	52	78	107	395	429
Noise	50	56	60	46	51	Dept. of Transportation	80	93	120	107	125
Pesticides	59	79	75	80	98	National Aeronautics and Space Admin.	75	87	79	72	72
Solid wastes	174	123	108	152	247	Other ⁵	283	570	154	133	64
Toxics	(X)	(X)	37	49	134						

X Not applicable. ¹ Covers 15 months ending Sept. 30. ² Estimated.

³ Funds for "Selected pollutants" included in "media" breakdown above.

⁴ Environmental Protection Agency. ⁵ Funds for predecessor agencies are included in "Other."

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

NO. 357. FEDERAL OUTLAYS FOR THE ENVIRONMENT, BY ACTIVITY: 1973 TO 1979
 [In millions of dollars, except as indicated. Through 1976, for years ending June 30; thereafter, for years ending Sept. 30]

ACTIVITY	1973	1974	1975	1976	1977	1978	1979, est.
Total	3,701	4,909	5,995	7,481	9,212	10,777	11,481
Annual percent change	28.9	32.6	22.1	24.8	23.1	17.0	6.5
Pollution abatement and control	1,925	2,974	3,571	4,536	5,829	5,934	6,201
Protection and enhancement ²	820	870	1,128	1,294	1,498	2,688	2,939
Aid to State and local governments	248	338	403	392	426	847	991
City recreation	69	93	110	98	205	425	447
Noncity general recreation	84	121	151	142	145	158	212
Sport fish and wildlife	66	68	90	85	7	121	112
Historic preservation and rehabilitation	9	11	11	14	47	39	48
Direct Federal activities ²	571	537	725	902	1,073	1,841	1,948
City recreation	46	108	145	139	113	132	169
Preservation and protection ³	155	151	164	245	303	647	495
Noncity general recreation	172	128	189	264	325	372	387
Sport fish and wildlife	110	62	128	160	163	438	487
Historic preservation and rehabilitation	53	41	60	39	73	63	100
Understanding, describing, and predicting ²	956	1,065	1,296	1,651	1,885	2,155	2,341
Observe and predict weather, ocean conditions, etc. ⁴	452	484	595	661	709	744	750
Locate and describe natural resources	250	260	351	423	490	688	837
Physical environment surveys	103	115	146	155	199	197	197
Research on environmental impact on people	66	96	57	227	261	266	286
Ecological and other basic environmental research	66	89	125	169	206	242	256

¹ Change from 1972. ² Includes activities not shown separately.³ Unique natural areas and endangered species. ⁴ Includes earthquakes and other disturbances.Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

NO. 358. CAPITAL EXPENDITURES BY BUSINESS FOR POLLUTION ABATEMENT, BY INDUSTRY: 1975 TO 1978

[Covers expenditures for new plant and equipment. See table 926 for final total capital outlays by business. Excludes expenditures of agricultural business and outlays charged to current account]

INDUSTRY	POLLUTION ABATEMENT EXPENDITURES (mil. dol.)							PERCENT OF TOTAL CAPITAL OUTLAYS BY BUSINESS ¹				
	1975	1976	1977	1978				1975	1976	1977	1978	
				Total	Air	Water	Solid waste				Total	Air
All industries	6,549	6,762	6,939	6,924	3,642	2,781	502	5.8	5.6	5.1	4.5	2.4
Manufacturing	4,475	4,382	4,282	3,951	1,902	1,652	306	9.3	8.3	7.0	5.8	2.9
Durable goods ²	1,775	1,560	1,668	1,561	901	566	94	8.1	6.6	5.9	4.9	2.8
Primary metals	1,012	923	927	752	530	205	17	17.2	15.7	15.7	12.6	8.9
Electrical machinery	136	148	111	130	26	88	16	5.8	5.6	3.4	3.3	.7
Machinery	83	80	104	111	57	46	0	1.8	1.6	1.8	1.7	.9
Transportation equip.	116	125	163	224	93	98	33	3.4	3.4	3.1	3.6	1.5
Stone, clay, and glass	198	103	149	164	109	47	7	14.3	6.1	7.3	6.6	4.4
Nondurable goods ²	2,700	2,821	2,615	2,389	1,092	1,086	211	10.3	9.6	8.0	6.7	3.0
Food, incl. beverages	175	175	176	172	75	75	22	5.2	4.5	4.2	3.6	1.6
Textiles	31	37	35	29	13	8	8	4.6	4.4	3.8	2.8	1.3
Paper	489	511	468	239	105	103	31	16.8	14.7	13.8	7.1	3.1
Chemicals	684	765	701	565	236	286	42	10.9	11.4	10.2	7.8	3.3
Petroleum	1,239	1,275	1,167	1,294	611	586	98	11.8	10.9	8.2	8.3	3.9
Rubber	41	37	47	58	40	12	7	4.0	3.4	3.3	3.3	2.3
Nonmanufacturing	2,074	2,381	2,657	2,974	1,649	1,128	197	3.2	3.5	3.5	3.5	1.9
Mining	73	86	97	206	107	88	11	1.9	2.2	2.2	4.3	2.2
Railroad	35	27	28	36	6	28	3	1.4	1.1	1.0	1.1	.2
Air transportation	11	16	14	15	13	2	(Z)	.6	1.2	.8	.6	.6
Other transportation	41	38	23	25	7	14	4	1.4	1.1	1.0	1.0	.3
Public utilities	1,700	2,032	2,300	2,500	1,443	908	156	8.4	9.1	8.8	8.6	4.9
Communication, commercial, and other	214	182	195	185	73	89	22	.6	.5	.5	.4	.2

Z Less than \$500,000. ¹ Based on outlays (pollution abatement and total new plant and equipment expenditures) reported in source. ² Includes industries not shown separately. ³ Except electrical.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1979.

NO. 359. NATIONAL AMBIENT AIR QUALITY STATIONS—TOTAL STATIONS REPORTING, AND NUMBER EXCEEDING AIR QUALITY STANDARDS, BY POLLUTANT: 1970 TO 1977

(“Exceeding” refers to the number of times when volume of pollution measured in air samples was greater than the standard. Minimal data consist of at least three 24-hour samples or 400 hourly values. Valid annual data records must contain at least five of the scheduled 24-hour samples or 75 percent of possible hourly values in all four quarters. See text, p. 202. $\mu\text{g}/\text{m}^3$ =micrograms of pollutant per cubic meter of air; mg/m³=milligrams of pollutant per cubic meter of air)

ITEM	1970	1972	1973	1974	1975	1976	1977
Suspended particulates:							
Stations reporting at least minimal data.....	1,283	2,972	3,762	4,270	4,177	4,205	4,008
Exceeding 24-hour secondary standard ($150 \mu\text{g}/\text{m}^3$).....	668	1,275	1,458	1,421	1,289	1,360	1,424
Exceeding 24-hour primary standard ($260 \mu\text{g}/\text{m}^3$).....	212	311	355	319	276	347	314
Stations with valid annual data.....	763	1,889	2,024	2,571	2,464	2,691	2,699
Exceeding annual secondary guide ($80 \mu\text{g}/\text{m}^3$).....	550	1,060	996	1,060	984	1,206	1,070
Exceeding annual primary standard ($75 \mu\text{g}/\text{m}^3$).....	385	626	521	537	453	595	456
Sulfur dioxide:							
Stations reporting at least minimal data.....	403	1,311	2,008	2,465	2,449	2,500	2,365
Exceeding 24-hour primary standard ($365 \mu\text{g}/\text{m}^3$).....	33	42	103	113	88	74	58
Exceeding 3-hour secondary standard ($1,300 \mu\text{g}/\text{m}^3$).....	13	26	52	76	54	44	30
Stations with valid annual data.....	184	588	716	1,398	1,374	1,552	1,355
Exceeding annual primary standard ($80 \mu\text{g}/\text{m}^3$).....	29	20	24	40	35	34	19
Carbon monoxide:							
Stations reporting at least minimal data.....	73	191	299	407	431	432	450
Exceeding 1-hour standard ($40 \text{ mg}/\text{m}^3$).....	14	16	33	28	25	8	11
Exceeding 8-hour standard ($10 \text{ mg}/\text{m}^3$).....	60	114	192	233	237	216	211
Total oxidants or ozone:							
Stations reporting at least minimal data.....	51	162	265	368	492	540	524
Exceeding 1-hour concentration ($160 \mu\text{g}/\text{m}^3$).....	45	115	217	302	412	472	452
Nitrogen dioxide:							
Stations reporting valid annual data.....	28	47	67	773	892	1,123	933
Exceeding annual standard ($100 \mu\text{g}/\text{m}^3$).....	9	8	10	19	20	21	18

NO. 360. AIR POLLUTANT EMISSIONS, BY SOURCE: 1970 TO 1977

YEAR AND POLLUTANT	Total emissions (mil. sh. tons)	CONTROLLABLE EMISSIONS (mil. sh. tons)					PERCENT OF TOTAL				
		Transportation		Fuel combustion ¹		Industrial processes	Solid waste disposal (mil. sh. tons)	Misc. uncontrollable (mil. sh. tons)	Transpor-ta-tion		
		Total	Road vehicles	Total	Electric util-ities						
		Total	Road vehicles	Total	Electric util-ities						
1970: Carbon monoxide.....	112.7	88.7	78.2	1.4	.2	8.8	6.8	6.8	78.7	1.2	7.8
Sulfur oxides.....	32.8	.8	.3	24.9	17.5	6.9	.1	.1	2.4	76.9	21.0
Hydrocarbons.....	32.5	13.4	11.7	1.7	.1	9.5	1.9	6.1	41.2	5.2	29.2
Particulates ²	24.5	1.3	.8	7.8	4.5	13.1	1.2	1.0	5.3	31.8	53.5
Nitrogen oxides.....	21.6	8.2	5.8	12.2	5.7	.7	.3	.2	38.0	56.5	3.2
1975: Carbon monoxide.....	106.8	90.4	81.3	1.2	.3	8.0	3.2	4.0	84.6	1.1	7.5
Sulfur oxides.....	28.8	.8	.3	22.9	18.5	5.1	—	—	2.8	79.5	17.7
Hydrocarbons.....	29.7	12.5	10.8	1.5	.1	10.1	.9	4.6	42.1	5.1	34.0
Particulates ²	15.1	1.2	.9	5.5	4.1	7.2	.6	.7	7.9	36.4	47.7
Nitrogen oxides.....	23.1	9.5	7.1	12.7	6.8	.8	.1	.1	41.1	55.0	3.5
1977: Carbon monoxide.....	113.2	94.5	85.1	1.3	.3	9.1	2.9	5.4	83.5	1.1	8.0
Sulfur oxides.....	30.2	.9	.4	24.7	19.4	4.6	—	—	3.0	81.8	15.2
Hydrocarbons.....	31.2	12.7	10.9	1.7	.1	11.1	.8	5.0	40.7	5.4	35.6
Particulates ²	13.7	1.2	.9	5.3	3.7	6.0	.4	.8	8.8	38.7	43.8
Nitrogen oxides.....	25.5	10.1	7.4	14.3	7.8	.8	.1	.1	39.6	56.1	3.1

¹ Represents zero. ² Stationary.

² See footnote 1, table 361.

NO. 361. AIR POLLUTANTS—NATIONAL EMISSION ESTIMATES: 1970 TO 1977

[In millions of short tons]

POLLUTANT	1970	1971	1972	1973	1974	1975	1976	1977
Particulates ¹	24.5	23.0	21.6	21.2	18.7	15.1	14.5	13.7
Sulfur oxides.....	32.8	31.2	32.6	33.3	31.3	28.8	30.0	30.2
Nitrogen oxides.....	21.6	22.3	23.8	24.6	23.9	23.1	25.1	25.5
Hydrocarbons.....	32.5	32.1	32.6	32.7	31.5	29.6	31.6	31.2
Carbon monoxide.....	112.7	113.4	114.4	114.1	109.9	106.8	113.4	113.2

¹ Suspended particulate matter: Particles of smoke, dust, and fumes and droplets of viscous liquid remaining in the air for varying periods of time and ranging from less than 1 micron (1/25,000 inch) to 100 microns.

Source of tables 359-361: U.S. Environmental Protection Agency, *National Air Quality and Emissions Trends Report*, 1977.

**No. 362. MOTOR VEHICLE POLLUTANT EMISSIONS PER VEHICLE-MILE TRAVELED:
1970 TO 1980**

[In grams per mile. Estimated]

POLLUTANT AND SOURCE	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
All vehicles:										
Carbon monoxide.....	86.9	81.6	80.0	79.0	77.0	74.3	71.4	68.3	65.2	60.6
Hydrocarbons.....	12.1	10.8	10.3	9.9	9.4	8.9	8.4	7.9	7.3	6.6
Nitrogen oxides.....	4.7	4.9	4.8	4.7	4.6	4.4	4.1	3.9	3.8	3.6
Automobiles:										
Carbon monoxide.....	76.7	71.9	70.5	69.7	67.7	64.8	61.5	58.0	54.5	49.4
Hydrocarbons.....	10.8	9.6	9.1	8.7	8.3	7.7	7.2	6.6	6.0	5.3
Nitrogen oxides.....	3.8	4.0	3.9	3.8	3.6	3.4	3.1	2.9	2.7	2.6

Source: U.S. Environmental Protection Agency, *Mobile Source Emission Factors*, Final Document, March 1978.

No. 363. AUTOMOBILE POLLUTANT EMISSIONS, 1957-1967, AND FEDERAL EMISSION STANDARDS, 1970 TO 1981

[In grams per mile]

PERIOD	Hydro-carbons	Carbon monoxide	Nitrogen oxides	PERIOD	Hydro-carbons	Carbon monoxide	Nitrogen oxides
1957-1967 average.....	8.7	87	(NA)	1975-79 standards.....	1.5	15.0	32
1970-1971 standards.....	4.1	34	(1)	1980 standards.....	.41	7.0	2
1972-1974 standards.....	3.0	29	2 3	1981 standards.....	.41	3.4	1

NA Not available. ¹ No standard. ² Effective with 1973 model cars. ³ Effective with 1977 model cars.

Source: U.S. Environmental Protection Agency, unpublished data.

No. 364. SOLID WASTE GENERATION, RECOVERY, AND DISPOSAL: 1960 TO 1977

[In millions of tons, except as indicated. Covers post-consumer residential and commercial solid wastes which comprise the major portion of typical municipal collections. Excludes mining, agricultural and industrial processing, demolition and construction wastes, sewage sludge, and junked autos and obsolete equipment wastes. Based on material-flows estimating procedure and wet weight as generated.]

ITEM AND MATERIAL	1960	1965	1970	1973	1974	1975	1976	1977
Gross waste generated.....	86.9	104.8	131.1	142.0	143.1	135.6	143.2	147.7
Per person per day.....lb.	2.64	2.96	3.50	3.72	3.70	3.48	3.65	3.73
Resources recovered.....	6.1	6.4	7.7	9.6	10.5	8.9	10.7	12.0
Per person per day.....lb.	.18	.18	.21	.25	.27	.23	.27	.30
Net waste disposed of.....	80.8	98.4	123.4	133.3	132.6	126.7	132.5	135.7
Per person per day.....lb.	2.46	2.78	3.29	3.47	3.43	3.25	3.38	3.44
Paper.....	23.9	31.1	37.1	41.6	39.5	34.4	38.8	39.0
Glass.....	6.9	8.5	12.2	13.5	13.6	13.4	13.5	14.2
Metal.....	10.3	10.5	13.5	13.4	13.6	13.3	13.2	13.2
Plastics.....	.4	1.4	3.3	4.4	4.7	4.4	4.9	5.3
Food waste.....	14.8	17.4	21.7	22.4	22.6	22.8	23.0	23.8
Yard waste.....	16.1	19.6	23.8	25.0	25.5	26.0	26.7	27.3
Other ¹	8.4	9.9	11.8	13.0	13.1	12.4	12.4	12.9

¹ Includes rubber, leather, wood, textiles, and miscellaneous organics.

Source: U.S. Environmental Protection Agency, unpublished data from Franklin Associates, Ltd., Prairie Village, Kans.

No. 365. POPULATION SERVED BY SEWAGE TREATMENT SYSTEMS: 1940 TO 1978

ITEM	1940	1945	1948	1957	1962	1968	1973
U.S. population.....mil.	133	140	145	171	186	198	210
Not served by sewers.....mil.	66	70	72	73	68	58	47
Percent of population.....	50	50	50	43	37	29	22
Served by sewers.....mil.	67	70	73	98	118	140	166
Not treated.....mil.	30	28	28	24	15	10	3
Treated.....mil.	37	42	45	74	103	130	162
Primary treatment ¹.....mil.	18	21	22	31	42	44	55
Secondary treatment.....mil.	19	22	23	43	62	86	105
Tertiary treatment.....mil.	-	-	-	-	-	-	3

¹ Represents zero. ² Includes intermediate treatment.

Source: U.S. Environmental Protection Agency, *Economics of Clean Water—1978 and National Water Quality Inventory—1974 Report to Congress*, vol. 1.

No. 366. POLLUTING DISCHARGES REPORTED IN U.S. WATERS: 1970 TO 1977

ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)
1970, discharges	3,711	15,258	1977—Con.			1977—Con.		
1971, discharges	8,736	8,840	Nontransportation facilities	2,628	2,807	Type of pollutant:		
1972, discharges	9,931	18,806	Onshore	483	968	Crude oil	2,220	12,232
1973, discharges	13,328	24,315	Offshore	1,118	81	Diesel oil	2,245	1,522
1974, discharges	13,966	16,916	Other	1,027	1,758	Other oil	6,155	3,869
1975, discharges	12,057	14,987	Pipelines	492	2,576	Other and unknown	2,224	2,277
1976, discharges	12,655	33,852	Marine facilities	742	553	Location:		
1977, discharges	12,844	19,900	Onshore/offshore	595	523	Atlantic Coast	3,038	1,697
Vessel	3,759	11,927	Land vehicles	532	692	Gulf Coast	4,260	2,919
Tankship	590	9,814	Land facilities	195	137	Pacific Coast	2,326	9,988
Tank barge	1,112	1,772	Other or unknown	4,496	1,207	Great Lakes	891	1,057
Other	2,057	341			Inland	2,329	4,238	

Source: U.S. Coast Guard, *Polluting Incidents In and Around U.S. Waters*, 1977.

No. 367. SYNTHETIC ORGANIC PESTICIDES—PRODUCTION AND SALES: 1960 TO 1977

[Includes a small quantity of soil conditioners. Minus sign (—) denotes decrease]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977
Production, total	mil. lb.	648	877	1,034	1,289	1,417	1,603	1,364
Average annual change ¹	percent	(N/A)	6.2	3.3	7.6	9.9	13.1	-15.2
Value ²	mil. dol.	307	577	1,058	1,493	1,985	2,901	2,880
Average annual change ¹	percent	(N/A)	13.5	12.9	12.2	33.0	46.2	-1.3
Sales, total	mil. lb.	570	764	881	1,199	1,365	1,328	1,193
Value ²	mil. dol.	262	497	870	1,344	1,815	2,366	2,410

¹ NA. Not available. ² From previous year shown. ³ Manufacturers unit value multiplied by production.Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service, *The Pesticide Review*, 1977. Data from U.S. International Trade Commission.

No. 368. THREATENED AND ENDANGERED WILDLIFE SPECIES—NUMBER: 1979

[As of Mar. 31. Endangered specie: One in danger of becoming extinct throughout all or a significant part of its natural range. Threatened specie: One likely to become endangered in the foreseeable future]

ITEM	Mammals	Birds	Reptiles	Amphibians	Fishes	Snails	Clams	Crustaceans	Insects	Plants
Endangered species	260	211	58	14	39	3	25	1	6	20
United States	33	67	11	5	29	2	23	1	6	20
Foreign ¹	227	144	47	9	10	1	2	—	—	—
Threatened species	21	3	10	2	12	5	—	—	2	2
United States	3	3	10	2	12	5	—	—	2	2
Foreign ¹	18	—	—	—	—	—	—	—	—	—

¹ Represents zero. ² Species living outside of U.S. and its outlying areas as determined by U.S. Fish and Wildlife Service, listed by International Trade Convention in Endangered Species, International Union for Conservation of Nature and Natural Resources, and generally accepted in biological community.Source: U.S. Fish and Wildlife Service, *Endangered Species Technical Bulletin*, April 1979, vol. IV, No. 4.

No. 369. TORNADOES, FLOODS, AND TROPICAL CYCLONES: 1946 TO 1977

[See also *Historical Statistics, Colonial Times to 1970*, series J 268-278]

ITEM	1946-1955	1956-1965	1966-1975	1971	1972	1973	1974	1975	1976	1977
Tornadoes, number ¹	2,969	6,572	8,080	888	741	1,102	947	920	835	852
Lives lost, total	1,751	924	1,172	156	27	87	361	60	44	43
Most in a single tornado	169	44	58	58	6	7	34	9	5	22
With property loss of \$500,000 and over	130	191	428	35	29	76	107	42	46	46
Floods: Lives lost	808	557	1,528	74	540	105	121	114	187	212
Property loss	3,350	2,721	10,225	288	3,449	859	576	1,051	1,000	1,393
North Atlantic tropical cyclones and hurricanes: ²	40	33	25	5	3	1	1	1	2	1
Number reaching U.S. coast	21	14	13	3	1	—	1	1	1	1
Hurricanes only	495	692	504	8	121	5	1	21	9	—
Lives lost in U.S.										

¹ Represents zero. ² A violent, rotating column of air descending from a cumulonimbus cloud in the form of a tubular or funnel-shaped cloud, characterized usually by movements along a narrow path and wind speeds from 100 to over 300 miles per hour. Also known as a "twister" or "waterspout." ³ Tropical cyclones have maximum winds of 39 to 73 miles per hour; hurricanes have maximum winds of 74 miles per hour or higher.Source: U.S. National Oceanic and Atmospheric Administration, *Climatological Data: National Summary*. Monthly with annual summary.

NO. 370. GROUND ELEVATION OF WEATHER STATIONS AND OCCURRENCE OF FREEZE—
SELECTED CITIES

[Date of freeze based on 30-year period, 1931–1960, except as indicated]

STATE AND STATION	Ground elevation (feet)	OCCURRENCE OF FREEZE, 32° F. (0° C.)				Mean number of days minimum temperature 32° F. or less	Length of record (yr.) ¹		
		Spring date		Fall date					
		Mean	Latest	Mean	Earliest				
Ala. Mobile ²	211	Feb. 17	Mar. 20	Dec. 12	Nov. 14	20	10		
Alaska Juneau	12	May 13	June 7	Sept. 25	Aug. 24	182	29		
Ariz. Phoenix	1,117	Feb. 2	Mar. 14	Dec. 6	Nov. 5	15	12		
Ark. Little Rock	257	Mar. 17	Apr. 14	Nov. 10	Oct. 22	65	12		
Calif. Los Angeles	97	Jan. 1	Jan. 21	Dec. 30	Dec. 9	—	32		
	17	Feb. 2	Apr. 8	Dec. 7	Nov. 4	20	12		
	8	Jan. 17	Mar. 3	Dec. 22	Nov. 25	—	36		
Colo. Denver ²	5,283	May 2	May 28	Oct. 14	Sept. 18	166	12		
Conn. Hartford ²	169	April 22	May 10	Oct. 19	Sept. 27	139	13		
Del. Wilmington ²	74	April 18	May 9	Oct. 26	Sept. 27	103	25		
D.C. Washington ²	10	April 10	May 12	Oct. 28	Oct. 2	80	12		
Fla. Jacksonville ²	24	Feb. 6	Mar. 14	Dec. 16	Nov. 9	11	31		
	7	(3)	Feb. 6	(3)	(3)	—	8		
Ga. Atlanta	1,010	Mar. 19	Mar. 29	Nov. 10	Oct. 28	60	12		
Hawaii Honolulu ²	7	(4)	(4)	(4)	(4)	(4)	15		
Idaho Boise ²	2,838	April 29	May 23	Oct. 16	Sept. 20	126	33		
Ill. Chicago	607	April 19	May 4	Oct. 28	Oct. 7	120	9		
	652	April 22	May 13	Oct. 20	Sept. 25	134	13		
Ind. Indianapolis ²	792	April 17	May 11	Oct. 27	Oct. 1	122	13		
Iowa Des Moines	938	April 19	May 11	Oct. 22	Sept. 28	140	11		
Kans. Wichita ²	1,321	April 5	April 21	Nov. 1	Sept. 27	114	19		
Ky. Louisville ²	477	April 1	April 19	Nov. 7	Oct. 15	95	12		
La. New Orleans ²	4	Feb. 15	Mar. 20	Dec. 3	Nov. 13	12	26		
Maine Portland ²	43	April 29	May 30	Oct. 15	Sept. 17	161	32		
Md. Baltimore ²	148	March 28	April 16	Nov. 17	Oct. 20	101	22		
Mass. Boston	15	April 5	April 15	Nov. 8	Oct. 22	103	8		
Mich. Detroit	619	April 24	May 12	Oct. 22	Sept. 29	125	39		
	721	May 19	June 21	Sept. 28	Aug. 22	179	31		
Minn. Duluth ²	1,428	May 13	June 1	Oct. 3	Sept. 13	188	11		
	834	April 30	May 24	Oct. 13	Sept. 18	180	13		
Miss. Jackson ²	310	March 10	April 13	Nov. 13	Oct. 17	50	9		
Mo. Kansas City	742	April 8	April 20	Oct. 30	Oct. 6	99	11		
	535	April 9	April 25	Nov. 1	Oct. 7	108	12		
Mont. Great Falls ²	3,662	May 14	June 8	Sept. 26	Sept. 7	155	11		
Nebr. Omaha ²	977	April 14	May 11	Oct. 19	Sept. 24	139	9		
Nev. Reno ²	4,404	May 14	June 25	Oct. 2	Aug. 30	188	9		
N.H. Concord ²	342	May 11	May 26	Sept. 30	Sept. 13	174	7		
N.J. Atlantic City	64	March 31	April 13	Nov. 11	Oct. 22	115	8		
N. Mex. Albuquerque ²	5,311	April 18	May 18	Oct. 29	Oct. 11	120	12		
N.Y. Albany ²	275	April 27	May 20	Oct. 13	Sept. 23	159	7		
	705	April 30	May 24	Oct. 25	Sept. 23	138	12		
	132	April 7	April 24	Nov. 12	Oct. 19	82	59		
N.C. Charlotte ²	726	March 21	April 16	Nov. 15	Oct. 15	74	12		
	434	March 24	April 25	Nov. 16	Oct. 24	85	8		
N. Dak. Bismarck ²	1,647	May 11	June 2	Sept. 24	Sept. 6	186	13		
Ohio Cincinnati ²	761	April 15	May 25	Oct. 25	Sept. 28	99	57		
	777	April 21	May 14	Nov. 2	Sept. 29	127	12		
Cleveland ²	812	April 17	May 9	Oct. 30	Oct. 7	124	13		
Oklahoma City ²	1,285	March 28	April 17	Nov. 7	Oct. 14	82	7		
Oreg. Portland	21	Feb. 22	May 2	Dec. 3	Oct. 14	44	32		
Pa. Philadelphia ²	5	March 30	April 20	Nov. 17	Oct. 19	104	13		
Pittsburgh ²	1,137	April 16	May 4	Nov. 3	Oct. 10	126	13		
R.I. Providence ²	51	April 13	April 24	Oct. 27	Oct. 3	127	9		
S.C. Columbia ²	213	March 14	April 13	Nov. 21	Nov. 1	65	6		
S. Dak. Sioux Falls ²	1,418	May 5	May 29	Oct. 3	Sept. 12	172	9		
Tenn. Memphis ²	258	March 20	April 15	Nov. 12	Oct. 17	60	31		
	590	March 28	April 19	Nov. 7	Oct. 17	81	7		
Tex. Dallas	481	March 18	April 13	Nov. 12	Oct. 27	35	13		
	3,918	Mar. 14	Mar. 29	Nov. 12	Nov. 1	61	12		
Houston	96	Feb. 12	Mar. 27	Dec. 4	Nov. 3	22	3		
Utah Salt Lake City ²	4,220	April 12	April 30	Nov. 1	Sept. 25	137	13		
Vt. Burlington ²	332	May 8	May 27	Oct. 3	Sept. 13	168	8		
Va. Norfolk ²	22	March 18	April 14	Nov. 27	Nov. 7	55	24		
	164	April 2	April 20	Nov. 8	Oct. 21	85	43		
Richmond ²	400	Feb. 23	April 2	Nov. 30	Oct. 19	32	13		
Wash. Seattle	2,536	April 21	May 14	Oct. 8	Sept. 19	140	13		
Spokane	939	April 18	May 11	Oct. 28	Sept. 29	100	25		
W. Va. Charleston ²	672	April 20	May 9	Oct. 25	Sept. 24	149	12		
Wis. Milwaukee ²	6,126	May 20	June 18	Sept. 27	Sept. 5	173	13		
Wyo. Cheyenne ²	13	(4)	(4)	(4)	(4)	(4)	17		
P.R. San Juan ²									

[—] Represents zero. ¹ Period ending in 1972. ² Period of record, 1921–1950. ³ When frequency of occurrence in either spring or fall is 1 year in 10, or less, mean dates are not given. ⁴ 32° F. never recorded.

NO. 371. NORMAL DAILY MEAN TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1941 through 1970. See *Historical Statistics, Colonial Times to 1970*, series J 110-136 and J 164-267, for related data]

STATE AND STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.---Mobile	51.2	54.0	59.4	67.9	74.8	80.3	81.6	81.5	77.5	68.9	58.5	52.9	67.4
Alaska---Juneau	23.5	28.0	31.9	38.9	46.8	53.2	55.7	54.3	49.2	41.8	32.5	27.3	40.3
Ariz.---Phoenix	51.2	55.1	59.7	67.7	76.3	84.6	91.2	89.1	83.8	72.2	59.8	52.5	70.3
Ark.---Little Rock	39.5	42.9	50.3	61.7	69.8	78.1	81.4	80.6	73.3	62.4	50.3	41.8	61.0
Calif.---Los Angeles	54.5	55.6	56.5	58.8	61.9	64.5	68.5	69.5	68.7	65.2	60.5	56.9	61.7
Sacramento	45.1	49.8	53.0	58.3	64.3	70.5	75.2	74.1	71.5	63.3	53.0	45.8	60.3
San Francisco	48.3	51.2	53.0	55.3	58.3	61.6	62.5	63.0	64.1	61.0	55.3	49.7	56.0
Colo.---Denver	29.9	32.8	37.0	47.5	57.0	66.0	73.0	71.6	62.8	52.0	39.4	32.6	50.1
Conn.---Hartford	24.8	26.8	25.6	47.7	58.3	67.8	72.7	70.4	62.8	52.6	41.3	28.2	49.1
Del.---Wilmington	32.0	33.6	41.6	52.3	62.4	71.4	75.8	74.1	67.9	57.2	45.7	34.7	54.0
D.C.---Washington	35.6	37.3	45.1	56.4	66.2	74.6	78.7	77.1	70.6	59.8	48.0	37.4	57.3
Fla.---Jacksonville	54.6	56.3	61.2	68.1	74.3	79.2	81.0	81.0	78.2	70.5	61.2	55.4	68.4
Miami	67.2	67.8	71.3	75.0	78.0	81.0	82.3	82.9	81.7	77.8	72.2	68.3	75.5
Ga.---Atlanta	42.4	45.0	51.1	61.1	69.1	75.6	78.0	77.5	72.3	62.4	51.4	43.5	60.8
Hawaii---Honolulu	72.3	72.7	73.0	74.8	76.9	78.9	80.1	80.7	80.4	78.9	76.5	73.7	76.6
Idaho---Boise	28.0	35.5	41.1	49.0	57.4	64.8	74.5	72.2	63.1	52.1	39.8	32.1	50.9
Ill.---Chicago	22.9	26.1	35.7	48.8	58.4	68.1	71.9	71.1	63.7	53.8	38.2	27.1	48.9
Ill.---Peoria	23.8	27.7	37.3	51.3	61.5	71.3	75.1	73.5	65.5	55.0	39.9	28.0	50.8
Ind.---Indianapolis	27.9	30.7	39.7	52.3	62.2	71.7	75.0	73.2	66.3	55.7	41.7	30.9	52.3
Iowa---Des Moines	19.4	24.2	33.9	49.5	60.9	70.5	75.1	73.3	64.3	54.3	37.8	25.0	49.0
Kans.---Wichita	31.3	36.3	43.6	56.6	66.1	75.8	80.7	79.7	70.6	59.6	44.8	34.5	56.6
Ky.---Louisville	33.3	35.8	44.0	55.9	64.8	73.3	76.9	75.9	69.1	58.1	45.0	35.6	55.6
La.---New Orleans	52.9	55.6	60.7	68.6	75.1	80.4	81.9	81.9	78.2	69.8	60.1	54.8	68.3
Maine---Portland	21.5	22.0	31.8	42.7	52.7	62.2	68.0	66.4	58.7	49.1	38.6	25.7	45.0
Md.---Baltimore	33.4	34.8	42.8	53.8	63.7	72.4	76.6	74.9	68.5	57.4	46.1	35.3	55.0
Mass.---Boston	29.2	32.0	38.1	48.6	58.6	68.0	73.3	71.3	64.5	55.4	45.2	33.0	51.3
Mich.---Detroit	25.5	26.9	35.4	48.1	58.4	69.1	73.8	71.9	64.5	54.3	41.1	29.6	49.9
Minn.---Duluth	14.2	15.2	24.0	38.2	49.0	58.7	63.8	63.2	55.3	46.2	32.8	20.1	40.0
Minn.---Minneapolis-St. Paul	8.5	12.1	23.5	38.6	49.4	59.0	65.6	64.1	54.4	45.3	28.4	14.4	38.6
Miss.---Jackson	12.2	16.5	28.3	45.1	57.1	66.9	71.9	70.2	60.0	50.0	32.4	18.6	44.1
Mo.---Kansas City	27.8	33.1	41.2	55.0	65.0	73.9	78.8	77.4	68.8	58.6	43.6	32.3	54.5
Mo.---St. Louis	31.3	35.1	43.3	55.5	65.8	74.9	78.6	77.2	69.6	59.1	45.0	34.6	55.9
Mont.---Great Falls	20.5	26.6	30.5	43.4	53.3	60.8	69.3	67.4	57.3	48.3	34.6	26.5	44.9
Nebr.---Omaha	22.8	28.0	37.1	52.3	63.0	72.2	77.2	75.6	66.3	55.9	40.0	28.0	51.5
Nev.---Reno	31.9	37.1	40.8	46.8	54.6	61.5	69.3	66.9	60.2	50.3	40.1	33.0	49.4
N.H.---Concord	20.6	22.6	32.8	44.2	55.7	64.7	69.7	67.2	59.5	49.3	38.0	24.8	45.6
N.J.---Atlantic City	32.7	33.9	41.1	51.7	61.6	70.3	75.1	73.4	67.1	56.7	46.0	35.1	53.7
N.Mex.---Albuquerque	35.2	40.0	45.8	55.8	65.3	74.6	78.7	76.6	70.1	58.2	44.5	36.2	56.2
N.Y.---Albany	21.5	23.5	33.4	46.9	57.7	67.5	72.0	69.6	61.9	51.4	39.6	25.0	47.6
N.Y.---Buffalo	23.7	24.4	32.1	44.9	55.1	65.7	70.1	68.4	61.6	51.5	39.8	27.9	47.1
N.C.---New York ¹	32.2	33.4	41.1	52.1	62.3	71.6	76.6	74.9	68.4	58.7	47.4	35.5	54.5
N.C.---Charlotte	42.1	44.0	50.6	60.8	68.8	75.9	78.5	77.7	72.0	61.7	51.0	42.5	60.5
N.C.---Raleigh	40.5	42.2	49.2	59.5	67.4	74.4	77.5	76.5	70.6	60.2	50.0	41.2	59.1
N. Dak.---Bismarck	8.2	13.5	25.1	43.0	54.4	63.8	70.8	69.2	57.5	46.8	28.9	15.6	41.4
Ohio---Cincinnati	31.1	33.3	41.7	53.9	63.2	72.1	75.6	74.4	67.8	56.8	43.8	33.7	54.0
Cleveland	26.9	27.9	36.1	48.3	58.3	67.9	71.4	70.0	63.9	53.8	41.6	30.3	49.7
Columbus	28.4	30.3	39.2	51.2	61.1	70.4	73.6	71.9	65.2	54.2	41.7	30.7	51.5
Oklahoma City	36.8	41.3	48.2	60.4	68.3	76.8	81.5	81.1	73.0	62.4	49.2	40.0	50.9
Oreg.---Portland	38.1	42.8	45.7	56.5	66.7	72.0	76.1	66.6	62.2	53.8	45.3	40.7	52.6
Pa.---Philadelphia	32.3	33.9	41.9	52.9	63.2	72.3	76.8	74.8	68.1	57.4	46.2	35.2	54.6
Pittsburgh	28.1	29.3	38.1	50.2	59.8	68.6	71.9	70.2	63.8	53.7	43.3	30.5	50.4
R.I.---Providence	28.4	29.4	36.9	47.3	56.9	66.4	72.1	70.4	63.4	53.7	43.3	31.5	50.0
S.C.---Columbia	45.4	47.6	54.2	64.1	72.1	78.3	81.2	80.2	74.5	64.2	53.8	46.0	63.5
S.Dak.---Sioux Falls	14.2	19.4	30.0	46.1	57.7	67.6	73.3	71.8	60.9	50.2	33.1	20.0	45.4
Tenn.---Memphis	40.5	43.8	51.0	62.5	70.9	78.6	81.6	80.4	73.6	63.0	50.9	42.7	61.6
Nashville	38.3	41.0	48.7	60.1	68.5	76.6	79.6	78.5	72.0	60.9	48.4	40.4	59.4
Tex.---Dallas-Fort Worth	44.8	48.7	55.0	65.2	72.5	80.6	84.8	84.9	77.7	67.6	55.8	47.9	65.5
El Paso	43.6	48.4	54.6	63.9	72.2	80.3	82.3	80.5	74.2	64.0	51.6	44.4	63.4
Houston	52.1	55.3	60.8	69.4	75.8	81.1	83.3	83.4	79.2	70.9	61.1	54.6	68.9
Utah---Salt Lake City	28.0	33.4	39.6	49.2	58.3	66.2	76.7	74.5	64.8	52.4	39.1	30.3	51.0
Vt.---Burlington	16.8	18.6	29.1	43.0	54.8	65.2	69.8	67.4	59.3	48.8	37.0	22.6	44.4
Va.---Norfolk	40.5	41.4	48.1	57.8	66.7	74.5	78.3	76.9	71.8	61.7	51.6	42.3	59.3
Baltimore	37.5	39.4	46.9	57.8	66.5	74.2	78.3	76.9	71.8	61.7	51.6	42.3	59.3
Richmond	38.2	32.2	37.5	46.1	54.7	61.5	69.7	68.0	61.1	51.0	36.5	24.2	45.7
Wash.---Seattle-Tacoma	38.2	42.3	44.1	48.7	54.9	59.8	64.5	63.8	59.6	52.2	44.6	36.2	55.2
Spokane	25.4	32.2	41.4	48.1	57.8	66.7	74.5	73.3	69.9	63.6	47.8	35.5	57.8
W. Va.---Charleston	34.5	36.5	44.5	55.9	64.5	72.0	75.0	73.6	67.5	57.0	45.4	36.2	55.2
Wis.---Milwaukee	19.4	22.5	31.4	44.7	54.4	64.5	69.9	69.2	61.1	51.0	36.5	24.2	45.7
Wyo.---Cheyenne	26.6	29.0	31.6	42.7	52.4	61.3	69.1	67.6	58.2	47.9	35.5	20.2	45.9
P.R.---San Juan	75.4	75.3	76.3	77.5	79.2	80.5	80.9	81.3	81.1	80.6	78.7	76.8	78.6

¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81.

No. 372. NORMAL DAILY MAXIMUM TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1941 through 1970]

STATE AND STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala. Mobile	61.1	64.1	69.5	78.0	85.0	89.8	90.5	90.6	86.5	79.7	69.5	63.0	77.3
Alaska Juneau	29.1	33.9	38.2	46.5	55.4	62.0	63.6	62.3	47.2	37.3	32.0	47.0	
Ariz. Phoenix	64.8	69.3	74.5	83.6	92.9	101.5	104.8	102.2	98.4	87.6	74.7	66.4	85.1
Ark. Little Rock	50.1	53.8	61.8	73.5	81.4	89.3	92.6	92.6	85.8	76.0	62.4	52.1	72.6
Calif. Los Angeles	63.5	64.1	64.3	65.9	68.4	70.3	74.8	75.8	75.7	72.9	69.6	66.5	69.2
Sacramento	53.0	59.1	64.1	71.3	78.8	86.4	92.9	91.3	87.7	77.1	63.6	53.3	73.2
San Francisco	55.3	58.6	61.0	63.5	66.6	70.2	74.9	71.6	65.9	70.3	63.3	56.5	65.1
Colo. Denver	43.5	46.2	50.1	61.0	70.3	80.1	87.4	85.8	77.7	66.8	53.3	46.2	64.0
Conn. Hartford	33.4	35.7	44.6	58.9	70.3	79.5	84.1	81.9	74.5	64.3	50.6	38.8	59.6
Del. Wilmington	40.2	42.2	51.1	63.0	73.1	81.6	85.5	83.9	78.2	67.8	55.2	43.0	63.7
D.C. Washington	43.5	46.0	55.0	67.1	76.6	84.6	88.2	86.6	80.2	69.8	57.2	45.2	66.7
Fla. Jacksonville	64.6	66.9	72.2	79.0	84.6	88.3	90.0	89.7	86.0	79.2	71.4	65.6	78.1
Miami	75.6	76.6	79.5	82.7	85.3	88.0	89.1	89.9	88.3	84.6	79.9	76.6	83.0
Ga. Atlanta	51.4	54.5	61.1	71.4	79.0	84.6	86.5	86.4	81.2	72.5	61.9	52.7	70.3
Hawaii Honolulu	70.3	79.2	79.7	81.4	83.6	85.6	86.8	87.4	87.4	85.8	83.2	80.3	83.3
Idaho Boise	36.5	43.8	51.6	61.4	70.6	78.3	80.5	87.6	77.6	64.7	48.9	39.1	62.6
Ill. Chicago	31.1	34.3	44.6	59.4	69.7	79.1	83.1	82.3	75.4	65.5	48.3	35.0	59.0
Peoria	31.9	36.0	46.5	61.7	72.3	81.7	85.5	84.0	76.4	65.9	48.7	35.7	60.5
Ind. Indianapolis	36.0	39.3	49.0	62.8	72.9	82.3	85.4	84.0	77.7	67.0	50.5	38.7	62.2
Iowa Des Moines	27.5	32.5	42.5	59.7	70.9	79.8	84.9	83.2	74.6	64.9	46.4	32.8	58.3
Kans. Wichita	41.4	47.1	55.0	68.1	77.1	86.5	91.7	91.0	81.9	71.3	55.8	44.3	67.6
Ky. Louisville	42.0	45.0	54.0	66.9	75.6	83.7	87.3	86.8	80.5	70.3	54.9	44.1	65.9
La. New Orleans	62.3	65.1	70.4	78.4	84.9	89.6	90.4	90.6	86.6	79.9	70.3	64.2	77.7
Maine Portland	31.2	33.3	40.8	52.8	63.6	73.2	79.1	77.6	69.9	60.2	47.5	34.9	55.3
Md. Baltimore	41.9	43.9	53.0	65.2	74.8	83.2	88.7	85.1	79.0	68.3	55.1	43.9	65.1
Mass. Boston	35.9	37.5	44.6	56.3	67.1	76.6	81.4	79.3	72.2	63.2	51.7	39.3	58.7
Mich. Detroit	31.7	33.7	43.1	57.6	68.5	79.1	83.1	81.6	74.2	63.4	47.7	35.4	58.3
Sault Ste. Marie	22.0	23.7	32.5	47.2	59.4	70.0	75.1	73.4	64.5	54.8	39.0	26.8	49.0
Minn. Duluth	17.6	22.1	32.6	47.8	60.0	69.7	76.4	74.4	64.0	54.3	35.3	22.5	48.1
Minneapolis-St. Paul	21.2	25.9	36.9	55.5	67.9	77.1	82.4	80.8	70.7	60.7	40.6	26.6	53.8
Miss. Jackson	68.4	61.7	68.7	78.2	85.0	91.0	92.7	92.6	88.0	80.1	68.5	60.5	77.1
Mo. Kansas City	36.2	41.9	50.5	64.8	74.3	82.6	88.0	86.7	78.8	68.9	52.7	40.4	63.7
St. Louis	39.9	44.2	53.0	67.0	76.0	84.9	88.4	87.2	80.1	69.8	54.1	42.7	65.6
Mont. Great Falls	29.3	35.9	40.4	54.5	65.0	72.1	83.7	81.8	70.0	59.4	43.4	34.7	55.9
Nebr. Omaha	32.7	38.5	47.7	64.4	74.4	83.1	88.6	87.2	78.6	69.1	50.9	37.8	62.8
Nev. Reno	45.4	51.1	56.0	64.0	72.2	80.4	91.1	89.0	81.8	70.0	53.3	46.4	67.0
N.H. Concord	31.3	33.8	42.4	56.7	68.6	77.7	82.6	80.1	72.4	62.3	47.9	34.6	57.5
N.J. Atlantic City	41.4	42.9	50.7	62.3	72.4	80.8	84.7	83.0	77.3	67.5	55.9	44.2	63.6
N. Mex. Albuquerque	46.9	52.6	59.2	70.1	79.9	89.5	92.2	89.7	83.4	71.7	51.7	47.5	70.0
N.Y. Albany	30.4	32.7	42.6	58.0	69.7	79.4	83.9	81.4	73.7	62.8	48.1	34.1	58.1
Buffalo	28.9	31.0	40.8	53.3	64.3	75.1	79.5	77.6	70.8	60.2	39.1	33.6	55.0
New York ¹	38.5	40.2	48.4	60.7	71.4	80.5	85.2	83.4	76.8	66.8	54.0	41.4	62.3
N.C. Charlotte	52.1	54.9	62.2	72.7	80.2	86.4	88.3	87.4	82.0	73.1	62.4	52.5	71.2
Raleigh	51.0	53.2	61.0	72.2	79.4	85.6	87.7	86.8	81.5	72.4	62.1	51.9	70.4
N. Dak. Bismarck	19.1	24.5	35.4	54.8	67.1	75.8	83.5	83.5	71.3	60.3	43.4	26.0	53.5
Ohio Cincinnati	39.7	42.7	51.8	65.0	74.4	83.2	86.5	85.8	79.7	68.5	53.2	42.0	64.4
Cleveland	33.4	35.0	44.1	58.0	68.4	78.2	81.6	80.4	72.2	63.6	48.8	36.4	58.5
Columbus	36.4	39.2	49.3	62.8	72.9	81.9	84.8	83.7	77.6	66.4	50.9	38.7	62.1
Okla. Oklahoma City	47.6	52.6	59.8	71.6	78.7	87.0	92.6	92.5	84.7	74.2	60.9	50.7	71.1
Oreg. Portland	43.6	50.1	54.3	60.3	67.0	72.1	79.0	78.1	73.9	62.9	52.1	46.0	61.6
Pa. Philadelphia	40.1	42.2	51.2	63.5	74.1	83.0	86.8	84.8	78.4	67.9	55.5	43.2	64.2
Pittsburgh	35.3	37.3	47.2	60.9	70.8	79.5	82.5	80.9	74.9	63.9	49.3	37.3	60.0
R.I. Providence	36.2	37.6	47.4	56.7	66.8	76.3	81.1	79.8	73.1	63.0	52.0	39.6	59.0
S.C. Columbia	56.9	59.7	66.5	76.9	84.5	90.3	92.0	91.0	85.4	77.1	66.9	57.9	75.4
S. Dak. Sioux Falls	24.6	29.7	39.7	57.8	69.7	78.9	85.1	83.8	73.0	62.7	43.5	29.6	56.5
Tenn. Memphis	49.4	53.1	60.8	72.7	81.2	88.7	91.6	90.6	84.3	74.9	61.5	51.7	71.7
Nashville	47.6	50.9	59.2	71.3	79.8	87.5	90.2	89.2	83.5	73.2	59.0	49.6	70.1
Tex. Dallas-Fort Worth	55.7	59.8	66.6	76.3	82.8	90.8	95.5	96.1	88.5	79.2	67.5	58.7	76.5
El Paso	57.0	62.5	68.9	78.5	87.2	94.9	94.6	92.8	87.4	78.5	66.1	57.8	77.2
Houston	62.6	66.0	71.8	79.4	85.9	91.3	93.8	94.3	90.1	83.5	73.0	65.8	79.8
Utah Salt Lake City	37.4	43.4	50.8	61.8	72.4	81.8	92.8	90.2	80.3	66.4	50.0	39.0	63.8
Vt. Burlington	25.9	28.2	38.0	53.3	66.1	76.5	81.0	78.3	70.0	58.7	44.3	30.3	54.2
Va. Norfolk	48.8	50.0	57.3	67.7	76.2	83.5	86.6	84.9	79.6	70.1	60.5	50.6	68.0
Richmond	47.4	49.9	58.2	70.3	78.4	85.4	88.2	86.6	80.9	71.2	60.6	49.1	68.8
Wash. Seattle-Tacoma	43.4	48.5	51.5	57.0	64.1	69.0	75.1	73.8	68.7	59.4	50.4	45.4	58.8
Spokane	31.1	39.0	46.2	57.0	66.5	73.6	84.3	81.9	72.5	58.1	41.8	33.9	57.2
W. Va. Charleston	43.6	46.2	55.2	67.9	76.6	83.4	85.6	84.4	79.0	69.1	55.8	45.2	66.0
Wis. Milwaukee	27.3	30.3	39.4	54.6	65.0	75.3	80.4	79.7	71.5	61.4	44.4	31.5	55.1
Wyo. Cheyenne	38.2	40.7	43.5	55.4	65.1	74.4	83.7	81.9	72.8	61.8	47.6	40.3	58.8
P.R. San Juan	81.9	82.1	83.6	84.4	85.6	87.0	87.0	87.5	87.6	87.4	85.0	83.1	85.2

¹ City office data.

No. 373. NORMAL DAILY MINIMUM TEMPERATURE—SELECTED CITIES

(In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1941 through 1970)

STATE AND STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.--- Mobile	41.3	43.9	49.2	57.7	64.5	70.7	72.6	72.3	68.4	58.0	47.5	42.8	57.4
Alaska--- Juneau	17.8	22.1	25.6	31.3	38.2	44.4	47.7	46.2	42.3	36.4	27.6	22.5	33.5
Ariz.--- Phoenix	37.6	40.8	44.8	51.8	59.6	67.7	77.5	76.0	69.1	56.8	44.8	38.5	55.4
Ark.--- Little Rock	28.9	31.9	38.7	49.9	58.1	66.8	70.1	68.6	60.8	48.7	38.1	31.1	49.3
Calif.--- Los Angeles	45.4	47.0	48.6	51.7	55.3	58.6	62.1	61.8	61.6	57.5	51.3	47.3	54.1
Calif.--- Sacramento	37.1	40.4	41.9	45.3	49.8	54.6	57.5	56.9	55.3	49.5	42.4	38.3	47.4
Calif.--- San Francisco	41.2	43.8	44.9	47.0	49.9	53.0	54.0	54.3	54.5	51.6	47.2	42.9	48.7
Colo.--- Denver	16.2	19.4	23.8	33.9	43.6	51.9	58.6	57.4	47.8	37.2	25.4	18.9	36.2
Conn.--- Hartford	16.1	17.9	26.6	36.5	46.2	56.0	61.2	58.9	51.0	40.8	31.9	19.6	38.6
Del.--- Wilmington	23.8	24.9	32.0	41.5	51.6	61.1	66.1	64.3	57.6	46.5	36.2	26.3	44.3
D.C.--- Washington	27.7	28.6	35.2	45.7	55.7	64.6	69.1	67.6	61.0	49.7	38.8	29.5	47.8
Fla.--- Jacksonville	44.5	45.7	50.1	57.1	63.9	70.0	72.0	72.3	70.4	61.7	51.0	45.1	58.7
Fla.--- Miami	58.7	59.0	63.0	67.3	70.7	73.9	75.5	75.8	75.0	71.0	64.5	60.0	67.9
Ga.--- Atlanta	33.4	35.5	41.1	50.7	59.2	66.6	69.4	68.6	63.4	52.3	40.8	34.3	51.3
Hawai.--- Honolulu	65.3	65.3	66.3	68.1	70.2	72.2	73.4	74.0	73.4	72.0	69.8	67.1	69.8
Idaho--- Boise	21.4	27.2	30.5	36.5	44.1	51.2	58.5	56.7	48.5	39.4	30.7	25.0	39.1
Ill.--- Chicago	14.7	17.8	26.7	38.2	47.0	57.0	60.7	59.0	52.0	42.0	30.1	19.2	38.8
Ill.--- Peoria	16.7	19.3	28.1	40.8	50.7	60.9	64.6	62.9	54.6	44.0	31.1	20.3	41.1
Ind.--- Indianapolis	19.7	22.1	30.3	41.8	51.5	61.1	64.6	62.4	54.9	44.3	32.8	23.1	42.4
Iowa--- Des Moines	11.3	16.8	25.2	39.2	50.9	61.1	65.3	63.4	54.0	43.6	29.2	17.2	39.7
Kans.--- Wichita	21.2	25.4	32.1	45.1	55.0	65.0	69.6	68.3	59.2	47.9	33.8	24.6	45.6
Ky.--- Louisville	24.5	26.5	34.0	44.8	53.9	62.9	66.4	64.9	57.7	45.9	35.1	27.1	45.3
La.--- New Orleans	43.5	46.0	50.9	58.8	65.3	71.2	73.3	73.1	69.7	59.6	49.8	45.3	58.9
Maine--- Portland	11.7	12.5	22.8	32.5	41.7	51.1	56.9	55.2	47.4	38.0	29.7	16.7	34.7
Md.--- Baltimore	24.9	25.7	32.5	42.4	52.5	61.6	66.5	64.7	57.9	46.4	36.0	26.6	44.8
Mass.--- Boston	22.5	23.8	31.5	40.8	50.1	59.3	65.1	63.3	56.7	47.5	38.7	26.6	43.8
Mich.--- Detroit	19.2	20.1	27.6	38.6	48.3	59.1	63.4	62.1	54.8	45.2	34.4	23.8	41.4
Minn.--- Sault Ste. Marie	6.4	6.7	15.5	29.2	38.5	47.3	52.5	52.9	46.1	37.6	26.5	13.3	31.0
Minn.--- Duluth	-6.0	2.0	14.4	29.3	38.8	48.3	54.7	53.7	44.8	36.2	21.4	6.3	29.1
Minn.--- Minneapolis-St. Paul	3.2	7.1	19.6	34.7	46.3	56.7	61.4	59.6	49.3	39.2	24.2	10.6	34.3
Miss.--- Jackson	35.8	37.8	43.4	53.1	60.4	67.7	70.6	69.8	64.0	51.5	42.0	37.3	52.8
Mo.--- Kansas City	19.3	24.2	31.8	45.1	55.7	65.2	69.0	68.1	58.8	48.3	34.5	24.1	45.3
Mo.--- St. Louis	22.6	26.0	33.5	46.0	55.5	64.8	68.8	67.1	59.1	48.4	35.9	26.5	46.2
Mont.--- Great Falls	11.6	17.2	20.6	32.3	41.5	49.5	54.9	53.0	44.6	37.1	25.7	18.2	33.8
Nebr.--- Omaha	12.4	17.4	26.4	40.1	51.5	61.3	65.8	64.0	54.0	42.6	29.1	18.1	40.2
Nev.--- Reno	18.3	23.0	24.6	29.6	37.0	42.5	47.4	44.8	38.6	30.5	23.9	19.6	31.7
N.H.--- Concord	9.9	11.3	22.1	31.7	41.5	51.6	56.7	54.2	46.5	36.3	28.1	14.9	33.7
N.J.--- Atlantic City	24.0	24.9	31.5	41.0	50.7	59.7	65.4	63.8	56.8	45.9	36.1	26.0	43.8
N. Mex.--- Albuquerque	23.5	27.4	32.3	41.4	50.7	59.7	65.2	63.4	56.7	44.7	31.8	24.9	43.5
N.Y.--- Albany	12.5	14.3	24.2	35.7	45.7	55.6	60.1	57.8	50.1	40.0	31.1	17.7	37.1
N.Y.--- Buffalo	17.6	17.7	25.2	36.4	45.9	56.3	60.7	59.1	52.3	42.7	33.5	22.2	39.1
N.Y.--- New York 1	25.0	26.5	33.7	43.5	53.1	62.6	68.0	66.4	59.9	50.6	40.8	20.5	46.7
N.C.--- Charlotte	32.1	33.1	39.0	48.9	57.4	65.8	68.7	67.9	61.9	50.3	39.6	32.4	40.7
N.C.--- Raleigh	30.0	31.1	37.4	46.7	55.4	63.1	67.2	66.2	59.7	48.0	37.8	30.5	47.8
N. Dak.--- Bismarck	-2.8	2.4	14.7	31.1	41.7	51.8	57.8	54.9	43.7	33.2	18.3	5.2	29.3
Ohio.--- Cincinnati	22.4	23.8	31.6	42.7	51.9	61.0	64.6	63.0	55.9	45.0	34.3	25.3	43.5
Ohio.--- Cleveland	20.3	20.8	28.1	38.5	48.1	57.5	61.2	59.6	53.5	43.9	34.4	24.1	40.8
Ohio.--- Columbus	20.4	21.4	29.1	39.5	49.3	58.9	62.4	60.1	52.7	42.0	32.4	22.7	40.9
Oklahoma--- Oklahoma City	26.0	30.0	36.5	49.1	57.9	66.8	70.4	69.6	61.3	50.6	37.4	29.2	48.7
Oreg.--- Portland	32.5	35.5	37.0	40.8	46.3	51.8	55.2	55.0	50.5	44.7	38.5	35.3	43.6
Pa.--- Philadelphia	24.4	26.5	32.5	42.3	52.3	61.6	66.7	64.7	57.8	46.9	36.9	27.2	44.9
P.R.--- Pittsburgh	20.8	21.3	29.0	39.4	48.7	57.7	61.3	59.4	52.7	42.4	33.3	23.6	40.8
R.I.--- Providence	20.6	21.2	29.0	37.8	46.9	56.5	63.0	61.0	53.6	43.4	34.6	23.4	40.9
S.C.--- Columbia	33.9	35.5	41.9	51.3	59.6	67.2	70.3	69.4	63.5	51.3	40.6	34.1	51.5
S. Dak.--- Sioux Falls	3.7	9.0	20.2	34.4	45.7	56.3	61.5	59.8	48.7	37.6	22.7	10.4	34.2
Tenn.--- Memphis	31.6	34.4	41.1	52.3	60.6	68.5	71.5	70.1	62.8	51.1	40.3	33.7	51.5
Tenn.--- Nashville	29.0	31.0	38.1	48.8	57.3	65.7	69.0	67.7	60.5	48.6	37.7	31.1	48.7
Tex.--- Dallas-Fort Worth	33.9	37.6	43.3	54.1	62.1	70.3	74.0	73.7	66.8	56.0	44.1	37.0	54.4
Tex.--- El Paso	30.2	34.3	40.3	49.3	57.2	65.7	69.9	68.2	61.0	49.5	37.0	30.9	49.5
Tex.--- Houston	41.5	44.6	49.8	59.3	65.6	70.9	72.8	72.4	68.2	58.3	49.1	43.4	58.0
Utah--- Salt Lake City	18.5	23.3	28.3	36.6	44.2	51.1	60.5	58.7	49.3	38.4	28.1	21.5	38.2
Vt.--- Burlington	7.6	8.9	20.1	32.6	43.5	53.9	58.5	56.4	48.6	38.8	29.7	14.8	34.5
Va.--- Norfolk	32.2	32.7	38.9	47.9	57.2	65.5	69.9	68.9	63.9	53.3	42.6	34.0	50.6
Va.--- Richmond	27.6	28.8	35.5	45.2	54.5	62.9	67.5	65.9	59.0	47.4	37.3	28.8	46.7
Wash.--- Seattle-Tacoma	33.0	36.0	36.6	40.3	45.6	50.6	53.8	53.7	50.4	44.9	38.8	35.5	43.3
Wash.--- Spokane	19.6	25.3	28.8	35.2	42.8	49.4	55.1	54.0	46.7	37.5	29.2	24.0	37.3
W. Va.--- Charleston	25.3	26.8	33.8	43.8	52.3	60.6	64.3	62.8	55.9	44.8	35.0	27.2	44.4
Wis.--- Milwaukee	11.4	14.6	23.4	34.7	43.3	53.6	59.3	58.7	50.7	40.6	28.5	16.8	36.3
Wyo.--- Cheyenne	14.9	17.3	19.6	30.0	39.7	48.1	54.5	53.2	43.5	33.9	23.5	18.1	33.0
P.R.--- San Juan	68.8	68.4	68.9	70.6	72.8	74.0	74.8	75.1	74.6	73.7	72.3	70.5	72.0

¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81.

NO. 374. HIGHEST TEMPERATURE OF RECORD—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1977]

STATE AND STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Ala.---- Mobile	36	84	82	90	92	100	102	104	102	98	93	87	81	104
Alaska--- Juneau	34	57	55	55	71	82	86	90	83	72	61	56	54	90
Ariz.---- Phoenix	40	88	89	95	104	113	117	118	116	118	104	98	88	118
Ark.---- Little Rock	36	83	83	91	92	98	104	107	108	106	97	96	86	108
Calif.---- Los Angeles	42	88	92	88	95	97	100	97	98	110	106	101	94	110
Sacramento	27	70	76	86	92	104	115	114	108	108	101	97	72	115
San Francisco	50	72	78	85	88	96	106	104	98	103	95	85	75	106
Colo.---- Denver	43	72	76	84	95	96	104	104	101	97	88	79	74	104
Conn.---- Hartford	23	65	70	87	96	96	100	102	101	96	91	81	68	102
Del.---- Wilmington	30	75	74	86	91	95	99	102	101	100	91	85	72	102
D.C.---- Washington	36	79	82	89	95	97	101	103	100	100	94	86	76	103
Fla.---- Jacksonville	36	85	88	91	95	100	103	105	102	100	96	88	84	105
Miami	35	87	89	92	96	94	98	96	98	95	92	89	86	98
Ga.---- Atlanta	29	79	79	85	88	95	101	103	102	98	95	84	77	103
Hawaii---- Honolulu	8	85	87	87	87	88	90	90	92	91	89	89	92	
Idaho---- Boise	38	63	69	78	92	98	100	111	110	102	91	73	65	111
Ill.---- Chicago	19	61	71	80	87	93	97	98	96	99	91	77	67	99
Peoria	38	68	72	81	89	92	100	103	101	100	90	81	71	103
Ind.---- Indianapolis	38	71	74	81	89	93	102	104	100	100	90	81	70	104
Iowa---- Des Moines	38	62	73	83	90	98	101	105	102	101	95	76	69	105
Kans.---- Wichita	25	75	84	89	96	100	106	113	110	103	95	80	83	113
Ky.---- Louisville	30	77	77	85	91	95	102	105	101	104	92	84	73	105
La.---- New Orleans	31	83	85	87	91	96	100	99	100	97	92	86	84	100
Maine---- Portland	37	64	64	86	85	92	97	99	103	95	88	74	62	103
Md.---- Baltimore	27	75	85	94	98	100	102	102	99	92	83	74	70	102
Mass.---- Boston	26	63	68	81	94	93	100	102	102	100	90	77	70	102
Mich.---- Detroit	43	67	68	82	87	93	104	105	101	100	92	81	66	105
Sault Ste. Marie	37	45	45	75	83	89	92	97	98	95	80	66	59	98
Minn.---- Duluth	36	52	55	78	88	90	93	97	97	95	86	69	55	97
Minneapolis														
St. Paul	39	58	59	83	92	95	100	104	102	98	89	75	67	104
Miss.---- Jackson	14	82	84	88	92	99	103	102	99	91	88	81	70	103
Mo.---- Kansas City	5	61	74	82	85	91	98	107	104	98	92	78	67	107
St. Louis	20	76	85	88	92	92	98	106	105	100	94	81	76	106
Mont.---- Great Falls	40	62	67	72	87	90	99	105	106	98	91	76	69	106
Nebr.---- Omaha	42	69	78	89	93	99	105	114	110	104	96	80	72	114
Nev.---- Reno	36	70	74	83	88	95	101	101	103	101	91	77	70	104
N.H.---- Concord	36	68	66	85	95	97	98	102	101	98	90	80	63	102
N.J.---- Atlantic City	34	78	73	87	94	99	106	104	102	97	90	84	72	106
N. Mex.---- Albuquerque	38	69	75	85	89	95	105	104	100	98	87	77	72	105
N.Y.---- Albany	31	62	67	85	92	94	99	100	99	100	89	82	65	100
Buffalo	34	72	64	81	87	90	95	94	99	98	87	80	66	99
New York ¹	109	72	75	86	96	99	101	106	104	102	94	84	70	106
N.C.---- Charlotte	38	78	81	90	93	100	103	103	102	104	98	85	77	104
Raleigh	33	79	84	92	93	97	104	105	101	104	98	88	83	105
N. Dak.---- Bismarck	38	54	68	81	92	98	100	109	109	105	95	75	62	109
Ohio.---- Cincinnati	16	69	73	82	89	93	97	100	102	98	88	80	70	102
Cleveland	36	73	69	83	88	92	101	103	102	101	90	82	69	103
Columbus	38	74	73	85	89	94	102	100	100	90	80	70	72	102
Oklahoma City	24	79	84	93	100	96	102	108	107	102	96	84	86	108
Oreg.---- Portland	37	62	70	80	87	92	100	107	105	101	90	73	64	107
Pa.---- Philadelphia	36	74	74	87	94	96	100	104	101	100	96	81	72	104
Pittsburgh	25	68	69	80	87	91	96	99	97	97	87	82	72	99
R.I.---- Providence	24	66	69	78	98	94	95	100	104	93	85	78	69	104
S.C.---- Columbia	30	84	84	91	94	101	107	107	106	101	90	83	73	107
S. Dak.---- Sioux Falls	32	59	70	87	94	100	101	108	108	104	94	76	61	108
Tenn.---- Memphis	36	78	81	85	91	99	104	106	105	103	95	85	79	106
Nashville	38	78	84	86	90	97	106	107	104	105	94	84	76	107
Tex.---- Dallas-Fort Worth	24	88	88	96	95	96	105	109	108	105	98	89	88	109
El Paso	38	80	83	88	98	104	109	109	105	103	96	84	80	109
Houston	8	84	84	90	89	94	99	101	101	97	93	88	83	101
Utah---- Salt Lake City	49	61	69	78	85	93	104	107	103	98	89	75	67	107
Vt.---- Burlington	34	63	60	84	91	93	96	100	104	105	102	103	99	86
Va.---- Norfolk	29	78	81	85	97	97	101	103	102	98	95	86	79	103
Richmond	48	80	83	93	96	100	104	105	102	103	99	86	80	105
Wash.---- Seattle-Tacoma	33	61	70	72	85	93	96	97	99	93	81	74	61	99
Spokane	30	59	61	71	90	92	100	103	108	96	85	67	54	108
W. Va.---- Charleston	30	79	78	87	91	93	98	99	100	102	92	85	80	102
Wis.---- Milwaukee	37	62	65	81	85	92	99	101	100	98	89	77	63	101
Wyo.---- Cheyenne	42	63	71	73	82	90	100	100	96	93	83	73	69	100
P.R.---- San Juan	23	90	92	93	94	94	96	93	96	94	95	92	90	96

¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 375. LOWEST TEMPERATURE OF RECORD—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1977]

STATE AND STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.----Mobile	36	8	11	11	36	43	56	60	59	42	32	22	10	8
Alaska----Juneau	34	-22	-22	-15	6	25	31	36	27	23	12	-5	-21	-22
Ariz.----Phoenix	40	17	22	25	32	40	50	61	60	47	34	25	22	17
Ark.----Little Rock	36	-4	-5	11	28	40	46	54	52	37	31	17	-1	-5
Calif.----Los Angeles	42	23	23	32	34	39	43	48	49	49	41	34	32	23
Sacramento	27	23	26	26	32	36	41	43	42	38	34	25	20	20
San Francisco	50	24	25	30	31	36	41	43	42	38	34	25	20	20
Colo.----Denver	43	-25	-30	-11	-2	22	30	43	41	20	3	-8	-18	-30
Conn.----Hartford	23	-28	-21	-6	9	28	37	44	46	30	18	12	-9	-28
Del.----Wilmington	30	-4	-4	9	22	32	41	50	46	36	24	14	3	-4
D.C.----Washington	36	2	4	11	24	34	47	55	51	39	29	16	1	1
Fla.----Jacksonville	36	19	19	25	35	45	56	61	64	50	36	21	12	12
Miami	35	81	32	37	46	53	65	69	68	69	51	39	34	31
Ga.----Atlanta	29	-3	5	10	26	37	46	53	56	36	28	3	1	-3
Hawaii----Honolulu	8	53	53	55	59	63	65	67	67	66	64	58	54	53
Idaho----Boise	38	-17	-10	6	19	26	33	41	37	23	11	-3	-23	-23
Ill.----Chicago	19	-20	-17	-8	13	24	36	40	41	28	19	-1	-17	-20
Ind.----Indianapolis	38	-25	-16	-10	17	25	39	47	43	26	19	-2	-18	-25
Iowa----Des Moines	38	-24	-20	-22	9	30	38	47	40	26	14	-3	-16	-24
Kans.----Wichita	25	-12	-6	-2	15	31	43	51	48	35	21	1	-5	-12
Ky.----Louisville	30	-20	-19	-1	24	31	42	50	49	33	23	-1	-9	-20
La.----New Orleans	31	14	19	26	32	41	55	60	60	42	35	24	17	14
Maine----Portland	37	-26	-39	-21	8	23	33	40	33	23	15	5	-21	-39
Md.----Baltimore	27	-7	-1	6	20	32	40	52	48	35	25	13	0	-7
Mass.----Boston	26	-12	-4	6	17	34	46	54	47	38	28	17	-4	-12
Mich.----Detroit	43	-13	-16	-1	14	30	38	42	43	32	24	5	-5	-16
Sault Ste. Marie	37	-30	-28	-24	1	18	28	36	32	25	16	-10	-24	-30
Minn.----Duluth	36	-39	-32	-28	-5	17	27	36	33	22	8	-23	-33	-39
Minneapolis-St. Paul	39	-34	-28	-32	2	18	34	43	39	26	15	-17	-24	-34
Miss.----Jackson	14	6	11	18	30	38	49	51	55	35	30	17	14	6
Mo.----Kansas City	5	-13	-2	8	12	30	49	52	50	39	21	1	-11	-13
St. Louis	20	-14	-5	-5	22	31	43	51	47	36	23	1	-10	-14
Mont.----Great Falls	40	-37	-35	-29	-6	15	31	40	35	23	-3	-23	-43	-43
Nebr.----Omaha	42	-22	-19	-16	5	27	39	44	43	30	13	-9	-15	-22
Nev.----Reno	36	-16	-12	-2	13	18	25	33	34	20	8	1	-16	-16
N.H.----Concord	36	-30	-37	-16	8	21	30	35	29	21	10	-1	-22	-37
N.J.----Atlantic City	34	-10	-7	7	12	25	37	46	40	32	23	11	-7	-10
N. Mex.----Albuquerque	38	-17	-5	8	19	28	42	54	52	37	25	-7	3	-17
N.Y.----Albany	31	-28	-21	-21	10	26	36	41	37	24	16	5	-22	-28
Buffalo	34	-12	-20	-4	12	26	35	43	38	32	20	9	4	-20
New York ¹	109	-6	-15	3	12	32	44	52	50	39	28	5	-13	-15
N.C.----Charlotte	38	-3	5	10	24	32	45	53	53	39	24	11	2	-3
R.I.----Providence	33	-1	5	11	23	31	38	48	46	39	19	11	4	-1
N. Dak.----Bismarck	38	-44	-37	-31	-12	15	30	35	33	11	5	-29	-43	-44
Ohio.----Cincinnati	16	-25	-10	7	17	27	39	47	43	33	16	1	-11	-25
Cleveland	36	-19	-15	-5	10	25	31	41	41	32	22	3	-11	-19
Columbus	38	-19	-13	-2	18	25	35	43	43	31	20	5	-10	-19
Okl.----Oklahoma City	24	-4	3	3	20	39	47	53	51	37	22	11	1	-4
Oreg.----Portland	37	-2	-3	19	29	29	39	43	44	34	26	13	6	-3
Pa.----Philadelphia	36	-5	-4	7	24	28	44	51	45	35	25	15	1	-5
Pittsburgh	25	-18	-9	-1	15	26	34	42	40	31	16	-1	-7	-18
R.I.----Providence	24	-13	-6	1	14	29	41	49	40	34	20	14	-5	-13
S.C.----Columbia	30	5	5	18	29	34	45	54	53	40	23	12	4	4
S. Dak.----Sioux Falls	32	-36	-31	-23	5	17	33	38	34	22	9	-17	-26	-36
Tenn.----Memphis	36	-4	-11	12	29	38	48	52	48	36	25	9	-13	-13
Nashville	38	-15	-13	5	24	34	42	51	47	36	26	-1	-7	-15
Tex.----Dallas-Ft. Worth	24	4	12	17	30	41	51	59	56	46	29	20	10	4
El Paso	38	-8	8	14	24	31	50	59	56	41	25	1	5	-8
Houston	8	18	22	25	31	45	52	62	62	48	33	19	21	18
Utah.----Salt Lake City	49	-22	-30	2	14	25	35	40	37	27	16	-14	-21	-30
Vt.----Burlington	34	-30	-28	-20	2	24	33	39	35	25	15	-2	-23	-30
Va.----Norfolk	29	5	8	20	28	36	45	50	52	45	27	20	14	5
Richmond	48	-12	-10	11	25	31	40	51	46	35	21	10	-1	-12
Seattle-Tacoma	33	0	-1	11	29	28	38	43	44	35	28	6	6	0
Spokane	30	-19	-12	-3	17	24	34	38	35	25	13	-11	-25	-25
W. Va.----Charleston	30	-12	-6	7	19	26	33	46	41	34	17	6	-2	-12
Wis.----Milwaukee	37	-24	-19	-10	13	21	33	40	44	28	21	-5	-15	-24
Wyo.----Cheyenne	42	-27	-34	-21	-8	16	25	38	36	18	2	-13	-24	-34
P.R.----San Juan	23	61	62	60	64	66	69	70	69	67	66	63	60	60

¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 376. NORMAL MONTHLY AND ANNUAL PRECIPITATION—SELECTED CITIES

[In inches. Airport data except as noted. Based on standard 30-year period, 1941 through 1970. See *Historical Statistics, Colonial Times to 1970*, series J 164-267, for related data.]

STATE AND STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.--- Mobile	4.71	4.76	7.07	5.59	4.52	6.09	8.86	6.93	6.59	2.55	3.39	5.92	66.98
Alaska.--- Juneau	3.94	3.44	3.57	2.99	3.31	2.93	4.69	5.00	6.90	7.85	5.53	4.52	54.67
Ariz.--- Phoenix	.71	.60	.76	.32	.14	.12	.75	1.22	.69	.46	.46	.82	7.05
Ark.--- Little Rock	4.24	4.42	4.93	5.25	5.30	3.50	3.38	3.01	3.55	2.99	3.86	4.09	48.52
Calif.--- Los Angeles	2.52	2.32	1.71	1.10	.08	.03	.01	.02	.07	.22	1.76	2.39	12.23
Sacramento	3.73	2.68	2.17	1.54	.51	.10	.01	.05	.19	.99	2.13	3.12	17.22
San Francisco	4.37	3.04	2.54	1.59	.41	.13	.01	.03	.16	.98	2.29	3.98	19.53
Colo.--- Denver	.61	.67	1.21	1.93	2.64	1.93	1.78	1.29	1.13	1.13	.76	.43	15.51
Conn.--- Hartford	3.28	3.17	3.82	3.75	3.50	3.53	3.41	3.04	3.55	3.03	4.33	4.08	43.37
Del.--- Wilmington	2.85	2.75	3.74	3.20	3.35	3.24	4.31	3.08	3.42	2.60	3.49	3.32	40.25
D.C.--- Washington	2.62	2.45	3.33	2.86	3.68	3.48	4.12	4.67	3.08	2.66	2.90	3.04	38.89
Fla.--- Jacksonville	2.78	3.58	3.56	3.07	3.22	6.27	7.35	7.89	7.83	4.54	1.79	2.59	54.47
Miami	2.15	1.95	2.07	3.60	6.12	9.00	6.91	6.72	8.74	8.18	2.72	1.64	59.80
Ga.--- Atlanta	4.34	4.41	5.84	4.61	3.71	3.67	4.90	3.64	3.15	2.50	3.43	4.24	48.34
Hawaii.--- Honolulu	4.40	2.46	3.18	1.36	.96	.32	.60	.76	.67	1.51	2.99	3.69	22.90
Idaho.--- Boise	1.47	1.16	1.01	1.14	1.32	1.06	.15	.30	.41	.80	1.32	1.36	11.50
Ill.--- Chicago	1.70	1.30	2.52	3.38	3.41	4.15	3.46	2.73	3.01	2.32	2.10	1.64	31.72
Peoria	1.82	1.50	2.80	4.36	3.87	3.91	3.76	3.07	3.55	2.51	2.02	1.89	35.06
Ind.--- Indianapolis	2.86	2.36	3.75	3.87	4.08	4.16	3.67	2.80	2.87	2.51	3.10	2.71	38.74
Iowa.--- Des Moines	1.14	1.05	2.31	2.94	4.21	4.90	3.28	3.30	3.07	2.14	1.42	1.09	30.85
Kans.--- Wichita	.85	.98	1.78	2.95	3.60	4.49	4.35	3.10	3.69	2.50	1.17	1.12	30.58
Ky.--- Louisville	3.53	3.47	5.05	4.10	4.20	4.05	3.76	2.99	2.94	2.35	3.33	3.34	43.11
La.--- New Orleans	4.53	4.82	5.49	4.15	4.20	4.74	6.72	5.27	5.58	2.26	3.88	5.13	56.77
Maine.--- Portland	3.38	3.52	3.60	3.34	3.33	3.10	2.61	2.60	3.09	3.31	4.86	4.06	40.80
Md.--- Baltimore	2.91	2.81	3.69	3.07	3.61	3.77	4.07	4.21	3.12	2.81	3.13	3.26	40.46
Mass.--- Boston	3.60	3.54	4.01	3.49	3.47	3.19	2.74	3.46	3.16	3.02	4.51	4.24	42.52
Mich.--- Detroit	1.93	1.80	2.33	3.08	3.43	3.04	2.99	3.04	2.30	2.52	2.31	2.19	30.96
Sault Ste. Marie	1.92	1.48	1.74	2.22	3.01	3.31	2.60	3.10	3.85	2.85	3.26	2.36	31.70
Minn.--- Duluth	1.16	.85	1.76	2.55	3.41	4.44	3.73	3.79	3.06	2.30	1.73	1.40	30.18
Minneapolis-St. Paul	.73	.84	1.68	2.04	3.37	3.94	3.69	3.05	2.73	1.78	1.20	.89	25.94
Miss.--- Jackson	4.53	4.62	5.63	4.65	4.38	3.40	4.27	3.59	2.99	2.22	3.87	5.04	49.19
Mo.--- Kansas City	1.25	1.25	2.55	3.50	4.28	5.55	4.37	3.81	4.21	3.24	1.47	1.52	37.00
St. Louis	1.85	2.06	3.03	3.92	3.86	4.42	3.69	2.87	2.89	2.79	4.47	2.04	35.89
Mont.--- Great Falls	.88	.75	.97	1.18	2.37	3.11	1.27	1.09	1.17	.68	.81	.71	14.99
Nebr.--- Omaha	.76	.98	1.59	2.97	4.11	4.94	3.71	3.97	3.27	1.93	1.11	.84	30.18
Nev.--- Reno	1.21	.86	.70	.47	.66	.40	.26	.22	.23	.42	.68	.09	7.20
N.H.--- Concord	2.67	2.45	2.77	2.92	3.02	3.35	3.14	2.89	3.06	2.68	3.96	3.26	36.17
N.J.--- Atlantic City	3.56	3.37	4.31	3.37	3.54	3.38	4.36	4.90	2.99	3.46	4.21	4.01	48.46
N. Mex.--- Albuquerque	.30	.39	.47	.48	.53	.50	.39	1.34	.77	.79	.29	.52	.77
N.Y.--- Albany	2.20	2.11	2.58	2.70	3.26	3.00	3.12	2.87	3.12	2.63	2.84	2.93	33.36
Buffalo	2.90	2.55	2.85	3.15	2.97	2.28	2.93	3.58	3.25	3.01	3.74	3.00	36.11
New York 1	2.71	2.92	3.73	3.30	3.47	2.96	3.68	4.01	2.27	2.85	3.76	3.53	40.19
N.C.--- Charlotte	3.51	3.83	4.52	3.40	2.90	3.70	4.57	3.96	3.46	2.69	2.74	3.44	42.72
Raleigh	3.22	3.32	3.44	3.07	3.32	3.67	5.08	4.03	3.78	2.81	2.82	3.08	42.64
N. Dak.--- Bismarck	.51	.44	.73	1.44	2.17	3.58	2.20	1.96	1.32	.80	.56	.45	16.16
Ohio.--- Cincinnati	3.34	3.04	4.09	3.64	3.74	3.81	4.12	2.02	2.55	2.15	3.08	2.86	39.04
Cleveland	2.56	2.18	3.05	3.49	3.49	3.28	3.45	3.00	2.80	2.57	2.76	2.36	34.99
Columbus	2.87	2.32	3.44	3.71	4.10	4.18	4.21	2.86	1.89	2.68	2.39	37.01	
Okla.--- Oklahoma City	1.11	1.32	2.05	3.47	5.20	4.22	2.66	2.65	3.55	2.57	1.40	1.26	31.37
Oreg.--- Portland	5.88	4.06	3.64	2.22	2.09	1.59	.47	.82	1.80	3.59	5.61	6.04	37.61
Pa.--- Philadelphia	2.81	2.62	3.69	3.29	3.35	3.70	4.09	4.11	3.03	2.53	3.39	3.32	39.93
Pittsburgh	2.79	2.35	3.60	3.40	3.63	3.48	3.84	3.15	2.52	2.52	2.47	2.48	36.23
R.I.--- Providence	3.52	3.45	3.99	3.72	3.49	2.65	2.85	3.90	3.26	3.27	4.52	4.13	42.75
S.C.--- Columbia	3.44	3.67	4.67	3.51	3.35	3.82	5.65	5.03	4.32	2.88	3.34	3.38	46.36
S. Dak.--- Sioux Falls	.57	1.04	1.40	2.30	3.37	4.32	2.94	2.84	2.85	1.50	.85	.74	24.72
Tenn.--- Memphis	4.93	4.73	5.10	5.42	4.39	3.46	3.53	3.33	3.01	2.58	3.92	4.70	49.10
Nashville	4.75	4.43	5.00	4.11	4.10	3.38	3.83	3.24	3.09	2.16	3.46	4.45	46.00
Tex.--- Dallas-Fort Worth	1.80	2.36	2.54	4.30	4.47	3.05	1.84	2.26	3.15	2.68	2.03	1.82	32.30
EI Paso	.39	.42	.39	.24	.32	.60	1.53	1.12	1.16	.78	.32	.50	7.77
Houston	3.57	3.54	2.68	3.54	5.10	4.52	4.12	4.35	4.65	4.05	4.03	4.04	48.19
Utah.--- Salt Lake City	1.27	1.19	1.63	2.12	1.49	1.30	.70	.93	.68	1.16	1.31	1.39	15.17
Vt.--- Burlington	1.74	1.68	1.93	2.82	3.01	3.46	3.54	3.72	3.05	2.74	2.86	2.19	32.54
Va.--- Norfolk	3.35	3.31	3.42	2.71	3.34	3.62	5.70	5.92	4.20	3.06	2.94	3.11	44.68
Richmond	2.86	3.01	3.38	2.77	3.42	3.52	5.63	5.06	3.58	2.94	3.20	3.22	42.59
Wash.--- Seattle-Tacoma	5.79	4.19	3.61	2.46	1.70	1.53	.71	1.08	1.99	3.91	5.88	5.94	38.79
Spokane	2.47	1.68	1.53	1.12	1.46	1.36	.40	.53	.83	1.42	2.20	2.37	17.42
W. Va.--- Charleston	3.39	3.11	4.03	3.33	3.48	3.31	5.04	3.68	2.94	2.45	2.81	3.18	40.75
Wis.--- Milwaukee	1.63	1.13	2.24	2.76	2.88	3.58	3.41	2.68	3.02	1.98	2.01	1.75	20.07
Wyo.--- Cheyenne	.46	.46	1.05	1.57	2.52	2.41	1.82	1.45	1.03	.95	.58	.35	14.65
P.R.--- San Juan	3.73	2.50	2.04	3.40	6.54	5.64	6.41	6.98	6.07	5.64	5.49	4.71	59.15

¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81.

**NO. 377. AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF .01 INCH OR MORE—
SELECTED CITIES**

[Airport data, except as noted. For period of record through 1977]

STATE AND STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
Ala.---- Mobile-----	36	11	10	11	7	8	11	17	14	11	6	8	11	125	
Alaska--- Juneau-----	34	18	18	18	17	17	16	17	18	20	23	20	21	223	
Ariz.---- Phoenix-----	38	3	4	3	2	1	1	4	5	3	3	2	4	35	
Ark.---- Little Rock-----	35	10	9	11	10	10	8	9	7	7	6	8	9	104	
Calif.---- Los Angeles-----	42	6	6	5	3	1	1	1	(2)	1	2	3	5	34	
Calif.---- Sacramento-----	38	10	9	8	6	3	1	(2)	(2)	1	3	7	9	57	
Calif.---- San Francisco-----	50	11	10	9	6	3	1	(2)	1	1	4	7	10	55	
Colo.---- Denver-----	43	6	6	8	9	10	9	9	8	6	5	5	5	86	
Conn.---- Hartford-----	23	11	11	11	11	12	12	10	10	10	8	11	13	180	
Del.---- Wilmington-----	30	11	10	11	11	9	9	9	9	8	7	10	10	116	
D.C.---- Washington-----	36	10	9	11	10	11	9	10	9	8	7	8	9	111	
Fla.---- Jacksonville-----	36	8	8	8	6	8	12	15	15	13	9	6	8	116	
Fla.---- Miami-----	35	7	6	6	6	11	15	16	17	17	15	8	7	131	
Ga.---- Atlanta-----	43	11	10	12	9	9	10	12	9	7	6	8	10	113	
Hawaii--- Honolulu-----	28	10	10	9	9	7	6	8	7	7	9	10	10	102	
Idaho--- Boise-----	38	12	10	9	8	8	7	2	3	4	6	6	12	91	
Ill.---- Chicago-----	19	11	10	13	12	11	10	10	8	10	9	9	10	114	
Ill.---- Peoria-----	38	9	8	11	12	12	10	9	8	8	8	8	10	125	
Ind.---- Indianapolis-----	38	11	10	13	12	12	10	9	9	8	7	6	7	103	
Iowa--- Des Moines-----	38	7	7	10	10	11	11	9	9	9	6	5	6	85	
Kans.---- Wichita-----	24	5	7	8	8	11	9	8	7	8	7	6	5	124	
Ky.---- Louisville-----	30	12	11	13	12	11	10	11	8	8	7	10	11	113	
La.---- New Orleans-----	29	10	9	9	7	7	10	15	13	10	6	7	10	114	
Maine.---- Portland-----	37	11	10	11	12	13	11	9	9	8	9	12	12	127	
Md.---- Baltimore-----	27	10	9	11	11	9	9	10	7	7	9	9	9	112	
Mass.---- Boston-----	26	12	11	12	11	11	11	9	10	9	9	11	12	128	
Mich.---- Detroit-----	35	13	12	13	12	12	11	9	9	9	9	11	13	133	
Minn.---- Sault Ste. Marie-----	36	19	15	13	11	11	11	10	11	14	13	18	19	165	
Minn.---- Duluth-----	36	12	10	11	10	13	13	11	11	11	9	11	12	134	
Minn.---- Minneapolis-St. Paul-----	30	9	7	10	10	12	12	10	10	9	8	8	9	114	
Miss.---- Jackson-----	14	11	9	11	9	8	8	10	9	6	9	10	10	112	
Mo.---- Kansas City-----	5	9	6	11	10	11	9	5	8	10	8	7	8	103	
Mo.---- St. Louis-----	20	8	8	11	11	9	7	9	7	9	8	10	10	108	
Mont.---- Great Falls-----	40	9	8	9	9	11	12	7	7	7	6	7	8	100	
Nebr.---- Omaha-----	42	7	7	9	9	9	12	11	9	9	8	6	6	98	
Nev.---- Reno-----	35	6	5	6	4	5	3	3	2	2	3	5	6	50	
N.H.---- Concord-----	36	11	10	11	11	12	11	10	10	9	8	11	11	125	
N.J.---- Atlantic City-----	34	11	10	11	11	10	9	9	8	7	9	9	10	114	
N.Mex.---- Albuquerque-----	38	3	4	4	3	4	4	9	9	10	6	5	4	59	
N.Y.---- Albany-----	31	12	11	12	12	13	11	11	10	10	9	12	13	136	
N.Y.---- Buffalo-----	34	20	17	16	14	13	10	10	11	11	11	16	20	169	
N.C.---- Charlotte-----	38	10	10	12	9	9	10	12	9	7	7	7	10	112	
N.C.---- Raleigh-----	33	10	10	10	9	10	9	11	10	8	7	8	9	111	
N. Dak.---- Bismarck-----	38	8	7	8	8	10	12	9	8	7	5	6	8	96	
Ohio.---- Cincinnati-----	30	12	11	13	12	12	11	10	9	8	8	8	11	129	
Ohio.---- Cleveland-----	36	16	15	16	14	13	11	10	9	10	11	11	15	156	
Ohio.---- Columbus-----	38	13	12	14	13	13	13	11	11	9	8	11	13	137	
Oklahoma.---- Oklahoma City-----	38	5	6	7	8	10	9	7	6	7	6	5	5	81	
Oreg.---- Portland-----	37	19	16	17	14	12	9	4	5	7	13	18	19	153	
Pa.---- Philadelphia-----	37	11	9	11	11	11	10	9	9	8	7	7	9	10	115
Pittsburgh-----	25	16	14	16	13	12	11	11	9	9	10	13	17	151	
R.I.---- Providence-----	24	11	11	12	11	11	11	11	9	10	9	8	11	126	
S.C.---- Columbia-----	30	10	10	11	8	9	10	12	11	11	8	6	7	9	111
S. Dak.---- Sioux Falls-----	32	6	6	8	8	10	11	9	9	8	8	6	6	93	
Tenn.---- Memphis-----	27	10	10	11	10	9	8	9	8	8	7	6	8	106	
Tenn.---- Nashville-----	38	11	11	12	11	11	10	10	9	9	7	9	11	120	
Tex.---- Dallas-Fort Worth-----	24	7	6	7	9	8	6	5	5	5	7	6	6	78	
Tex.---- El Paso-----	38	4	3	2	2	2	3	8	7	5	4	2	4	46	
Utah.---- Houston-----	8	11	6	10	7	8	7	10	11	10	8	7	9	89	
Utah.---- Salt Lake City-----	49	10	9	10	10	8	6	4	4	5	5	6	7	152	
Vt.---- Burlington-----	34	14	12	13	12	13	12	12	12	12	11	14	15	152	
Va.---- Norfolk-----	29	10	10	11	10	10	9	11	11	11	8	8	9	115	
Wash.---- Richmond-----	40	10	9	11	9	11	10	11	10	11	8	7	8	9	113
Wash.---- Seattle-Tacoma-----	33	19	16	18	14	10	9	5	7	9	14	18	20	159	
Spokane-----	30	15	11	11	8	9	8	4	5	6	8	12	16	113	
W. Va.---- Charleston-----	30	15	14	15	14	13	11	13	11	11	9	9	12	14	150
Wis.---- Milwaukee-----	37	11	9	12	12	12	11	10	9	9	9	10	11	125	
Wyo.---- Cheyenne-----	42	6	6	9	10	11	11	11	9	7	5	6	5	96	
P.R.---- San Juan-----	22	17	13	12	13	17	16	19	19	18	17	18	19	198	

Z Less than $\frac{1}{2}$ day. ¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, Comparative Climatic Data, annual.

NO. 378. AVERAGE TOTAL SNOW AND ICE PELLETS—SELECTED CITIES

[In inches. Airport data, except as noted. For period of record through 1977. T denotes trace]

STATE AND STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.---- Mobile	36	.2	.2	T	—	—	—	—	—	—	T	—	T	.5
Alaska--- Juneau	34	25.6	21.2	19.0	4.8	.1	T	—	—	T	1.3	12.1	24.1	108.2
Ariz.---- Phoenix	40	T	T	T	T	—	—	—	—	—	—	T	T	T
Ark.---- Little Rock	35	2.2	1.2	.6	T	—	—	—	—	—	—	.2	.9	5.1
Calif.---- Los Angeles	42	T	T	—	—	—	—	—	—	—	—	—	T	T
Calif.---- Sacramento	29	T	.1	—	—	—	—	—	—	—	—	—	T	.1
Calif.---- San Francisco	50	T	T	T	—	—	—	—	—	1.8	3.8	7.7	6.2	59.0
Colo.---- Denver	43	8.0	7.8	12.7	9.5	1.5	T	—	—	—	—	T	1.7	12.8
Conn.---- Hartford	23	11.9	12.7	12.2	1.6	.1	—	—	—	—	T	T	1.0	53.0
Del.---- Wilmington	30	5.7	5.5	3.7	.1	T	—	—	—	—	—	T	1.0	3.9
D.C.---- Washington	34	4.7	4.9	2.3	T	T	—	—	—	—	T	.7	3.7	16.3
Fla.---- Jacksonville	36	T	T	T	—	—	—	—	—	—	—	—	T	T
Fla.---- Miami	35	—	—	—	—	—	—	—	—	—	—	—	T	—
Ga.---- Atlanta	43	.7	.4	.2	T	—	—	—	—	—	—	—	T	.2
Hawaii---- Honolulu	31	—	—	—	—	—	—	—	—	—	—	—	—	—
Idaho---- Boise	38	7.5	3.8	2.0	.8	.1	T	T	—	—	T	.1	1.8	5.4
Ill.---- Chicago	19	9.5	7.5	7.6	1.8	.1	—	—	—	—	T	.5	1.8	37.4
Ind.---- Peoria	34	6.0	4.7	4.6	.6	T	—	—	—	—	T	.1	2.4	24.3
Ind.---- Indianapolis	46	5.2	5.0	3.7	.5	T	—	—	—	—	T	2.2	5.0	21.6
Iowa---- Des Moines	38	8.5	7.0	6.8	1.6	T	—	—	—	—	T	.1	2.7	6.4
Kans.---- Wichita	24	4.2	3.8	3.0	.2	—	—	—	—	—	T	1.0	2.9	15.1
Ky.---- Louisville	30	5.4	4.2	3.8	.2	—	—	—	—	—	T	1.6	2.4	17.6
La.---- New Orleans	31	T	.1	T	—	—	—	—	—	—	T	.1	—	.2
Maine---- Portland	37	18.1	19.6	13.9	3.1	.2	—	—	—	—	T	.3	3.3	16.0
Md.---- Baltimore	27	5.1	5.9	4.6	.1	T	—	—	—	—	T	1.1	4.4	21.2
Mass.---- Boston	42	12.2	11.8	8.1	.7	T	—	—	—	—	T	1.2	8.1	42.1
Mich.---- Detroit	38	7.9	7.7	5.4	1.1	T	—	—	—	—	T	2.5	7.1	31.7
Mich.---- Sault Ste. Marie	36	26.7	19.6	15.1	4.8	.7	T	—	—	T	2.3	15.1	26.3	110.8
Minn.---- Duluth	34	17.1	11.8	14.1	6.8	.9	T	—	—	T	1.2	10.2	15.7	77.8
Minn.---- Minneapolis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Miss.---- St. Paul	39	9.2	8.3	10.7	2.5	.2	—	—	—	T	.4	5.8	9.0	46.1
Miss.---- Jackson	14	.5	.3	.4	T	—	—	—	—	—	T	T	—	1.2
Mo.---- Kansas City	43	5.9	3.8	3.7	.7	T	—	—	—	—	T	1.1	4.3	19.5
Mo.---- St. Louis	41	4.6	4.1	4.4	.2	T	—	—	—	—	T	1.5	3.7	18.5
Mont.---- Great Falls	40	10.0	8.3	9.8	7.5	1.4	.4	T	—	1.3	3.0	7.3	8.8	57.8
Nebr.---- Omaha	42	8.5	7.2	6.7	.9	.1	—	—	—	T	.3	2.5	5.8	32.0
Nev.---- Reno	35	6.3	5.4	5.3	1.6	1.1	T	—	—	T	.3	1.6	4.9	26.5
N.H.---- Concord	36	17.2	15.3	11.6	.2	T	—	—	—	T	.1	3.9	14.3	64.8
N.J.---- Atlantic City	33	4.9	4.8	3.1	.2	T	—	—	—	T	.4	2.4	15.8	—
N.Mex.---- Albuquerque	38	2.3	1.8	2.1	.5	T	—	—	—	T	1.2	2.6	10.5	—
N.Y.---- Albany	31	15.0	15.3	12.0	2.5	.1	—	—	—	T	.1	4.5	16.2	65.7
N.Y.---- Buffalo	34	28.0	18.1	12.2	3.2	.1	—	—	—	T	.3	13.2	22.8	92.9
N.Y.---- New York ¹	109	7.6	8.6	5.2	.9	T	—	—	—	T	.9	5.8	29.0	—
N.C.---- Charlotte	38	2.1	1.3	1.0	T	—	—	—	—	—	—	.1	.7	5.3
N.C.---- Raleigh	33	2.6	1.8	1.3	T	—	—	—	—	—	—	.2	.9	6.8
N. Dak.---- Bismarck	38	7.0	5.9	7.9	3.7	1.0	T	—	—	T	1.3	5.0	6.7	38.7
Ohio.---- Cincinnati	30	6.8	5.0	4.8	.5	T	—	—	—	T	.1	2.0	3.8	23.9
Ohio.---- Cleveland	36	10.8	11.0	10.0	2.1	.1	—	—	—	T	.8	5.8	11.6	52.2
Ohio.---- Columbus	30	7.5	5.8	4.9	.7	T	—	—	—	T	.1	2.8	5.9	27.7
Okl.---- Oklahoma City	38	2.8	2.2	1.7	T	—	—	—	—	T	.5	1.6	8.8	—
Oreg.---- Portland	37	4.2	.7	.6	T	T	—	—	—	T	.4	1.5	7.4	—
Pa.---- Philadelphia	35	5.7	5.9	3.7	.2	T	—	—	—	T	.7	4.0	8.8	45.3
R.I.---- Providence	24	9.6	10.2	9.0	.7	.3	—	—	—	T	.1	.5	7.6	38.0
S.C.---- Columbia	30	.4	.8	.2	T	—	—	—	—	T	.3	—	1.7	—
S. Dak.---- Sioux Falls	32	6.1	9.2	10.2	1.6	T	—	—	—	T	4.5	4.0	7.5	39.1
Tenn.---- Memphis	27	2.1	1.2	1.2	T	—	—	—	—	T	.1	.9	5.5	—
Tenn.---- Nashville	36	4.0	2.5	1.7	.1	—	—	—	—	T	.6	2.0	10.9	—
Tex.---- Dallas	24	1.5	.7	.3	—	—	—	—	—	—	.2	.2	2.9	—
Tex.---- El Paso	38	1.4	.8	.4	T	—	—	—	—	T	1.1	1.0	4.7	—
Tex.---- Houston	43	.2	.2	T	—	—	—	—	—	T	T	.4	—	—
Utah---- Salt Lake City	49	13.2	9.7	10.4	5.0	.6	T	—	—	T	1.1	6.2	12.0	58.3
Vt.---- Burlington	34	17.9	18.0	12.4	3.6	.2	—	—	—	T	.2	7.4	19.6	79.3
Va.---- Norfolk	29	3.1	1.8	.9	T	—	—	—	—	T	.1	2.0	7.0	—
Wash.---- Richmond	40	5.2	3.3	2.8	.1	T	—	—	—	T	.4	2.1	13.9	—
Wash.---- Seattle-Tacoma	33	6.8	1.6	1.7	.1	T	—	—	—	T	.1	1.1	3.2	14.6
Wash.---- Spokane	30	18.3	7.6	4.8	.6	.1	T	—	—	T	.6	5.8	15.5	53.3
W. Va.---- Charleston	30	8.9	7.7	4.3	.4	T	—	—	—	T	.2	2.9	5.2	29.6
Wis.---- Milwaukee	37	12.2	9.0	9.5	1.8	T	—	—	—	T	.1	3.1	10.2	45.9
Wyo.---- Cheyenne	42	5.8	5.5	11.9	9.3	3.1	.3	—	—	T	.7	3.4	6.0	5.2
P.R.---- San Juan	22	—	—	—	—	—	—	—	—	—	—	—	—	—

— Represents zero. ¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, Comparative Climatic Data, annual.

NO. 379. AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE—SELECTED CITIES
 [Airport data, except as noted. For period of record through 1977, except as noted]

STATE AND STATION	Length of record (yr.)													Annual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Ala. Montgomery ¹	25	47	53	58	64	66	65	63	65	63	66	57	50	59
Alaska Juneau	32	32	32	37	38	39	33	31	32	28	20	23	20	31
Ariz. Phoenix	82	78	80	83	88	93	94	85	85	89	88	84	77	86
Ark. Little Rock	32	46	54	57	61	68	73	71	73	68	69	56	48	63
Calif. Los Angeles ¹	32	69	72	73	70	66	63	82	83	79	73	74	71	73
Calif. Sacramento	29	47	62	71	80	87	92	97	96	93	84	63	46	68
Calif. San Francisco ¹	38	56	62	69	73	72	73	66	65	72	70	62	53	67
Colo. Denver	28	72	71	70	66	65	71	71	72	74	73	66	46	57
Conn. Hartford	23	58	57	57	57	58	58	62	63	59	58	54	51	53
Del. Wilmington ²	25	50	54	57	57	59	64	63	61	60	60	54	47	53
D.C. Washington	29	49	52	56	58	59	64	63	63	62	59	52	47	58
Fla. Jacksonville	27	57	61	66	71	69	62	60	58	54	57	60	56	61
Fla. Key West ¹	17	72	76	81	84	80	71	75	76	69	68	72	74	75
Ga. Atlanta	42	48	54	57	66	68	67	62	65	63	67	59	50	61
Hawaii Honolulu	25	63	65	68	66	69	70	73	75	74	67	60	59	67
Idaho Boise	36	41	52	63	68	72	75	88	85	82	67	45	40	67
Ill. Chicago ¹	33	44	47	51	53	61	67	70	68	63	62	41	38	58
Ill. Peoria	34	46	50	52	55	59	66	69	67	64	62	45	40	58
Ind. Indianapolis	34	42	51	52	56	62	67	70	71	66	64	43	40	58
Iowa Des Moines	27	51	54	54	56	60	67	72	69	64	63	50	45	60
Kans. Wichita	24	60	61	61	62	65	70	74	74	65	66	60	58	65
Ky. Louisville	30	42	47	51	55	62	66	66	68	64	62	47	40	57
La. New Orleans	4	47	68	53	69	58	59	58	55	63	68	53	53	60
Maine Portland	37	56	59	56	57	56	59	64	65	61	59	47	53	58
Md. Baltimore	27	52	55	55	56	57	62	65	62	60	59	51	48	57
Mass. Boston	42	54	56	57	59	63	66	67	63	61	51	52	32	64
Mich. Detroit	32	32	43	49	52	59	65	70	65	61	56	35	32	48
Mich. Sault Ste. Marie	36	35	46	54	55	57	58	63	58	45	41	23	28	54
Minn. Duluth	27	49	54	55	54	56	58	67	62	52	48	34	39	54
Minn. Minneapolis-St. Paul	39	50	57	54	56	59	63	71	67	61	57	39	40	58
Miss. Jackson	13	49	57	59	62	62	69	62	62	58	64	53	47	59
Mo. Kansas City	5	62	61	65	72	74	76	82	88	57	64	53	59	67
Mo. St. Louis	18	54	53	56	57	62	68	72	65	63	63	49	43	63
Mont. Great Falls	35	48	57	67	62	64	65	80	77	68	61	46	45	63
Nebr. Omaha ¹	40	55	55	55	59	62	68	76	72	67	67	52	48	62
Nev. Reno	35	66	68	75	80	81	85	92	93	92	84	71	64	81
N.H. Concord	36	52	54	52	53	55	57	62	61	55	54	42	47	54
N.J. Atlantic City	17	50	51	53	55	55	58	60	63	58	56	49	43	55
N. Mex. Albuquerque	38	73	73	74	76	80	83	76	76	80	79	78	72	77
N.Y. Albany	39	46	51	52	58	55	59	63	61	56	52	36	38	53
N.Y. Buffalo	34	33	39	46	53	58	66	69	66	59	53	29	27	52
N.Y. New York ³	100	50	55	56	58	61	61	64	65	64	63	61	52	59
N.C. Charlotte	27	55	60	63	70	69	70	69	70	68	69	63	58	66
N.C. Raleigh	23	55	59	63	65	59	60	61	60	60	62	62	56	60
N. Dak. Bismarck	38	54	55	60	59	63	64	76	73	65	59	45	47	62
Ohio Cincinnati ¹	60	41	45	51	55	61	67	68	67	66	59	44	38	57
Ohio Cleveland	34	32	37	44	53	59	65	68	64	60	55	31	26	52
Ohio Columbus	26	37	42	44	52	58	58	61	63	61	57	38	31	67
Okl. Oklahoma City	23	59	61	63	68	65	73	75	77	69	68	60	59	67
Oreg. Portland	28	25	36	43	50	55	52	69	63	59	41	29	20	48
Pa. Philadelphia	35	51	54	56	57	57	62	63	63	59	59	52	49	58
R.I. Providence	24	57	56	55	56	57	57	60	59	59	58	39	30	56
S.C. Columbia	24	57	61	63	68	65	64	64	66	64	66	64	60	64
S.Dak. Rapid City ¹	33	54	59	61	69	57	60	71	73	67	65	56	54	62
Tenn. Memphis	27	49	55	57	64	70	74	73	76	69	71	58	50	65
Tenn. Nashville	35	41	48	53	60	63	67	65	66	63	63	50	41	58
Tex. Amarillo ¹	34	69	68	71	73	73	77	77	78	74	75	73	67	73
Tex. El Paso	35	78	82	85	87	89	89	79	80	82	84	83	78	83
Tex. Houston	8	45	56	45	52	59	65	67	62	60	61	55	57	70
Utah Salt Lake City	40	48	56	64	67	73	79	84	83	84	73	54	45	51
Vt. Burlington	34	42	48	51	51	56	60	65	62	54	50	30	33	51
Va. Norfolk	19	57	58	63	66	67	68	65	65	64	60	57	63	63
Wash. Richmond	27	51	56	59	63	68	66	65	64	63	59	56	51	60
Wash. Seattle-Tacoma	11	21	43	49	52	59	55	67	66	65	61	41	28	49
W. Va. Spokane	29	26	40	53	60	63	63	65	80	77	70	51	29	57
W. Va. Parkersburg ¹	78	32	36	43	49	56	59	62	60	59	54	37	29	48
Wis. Milwaukee	37	45	47	51	54	59	64	71	67	60	56	41	38	56
Wyo. Cheyenne	42	61	65	68	60	58	64	68	67	69	68	60	59	64
P.R. San Juan	22	65	70	74	68	61	59	65	65	59	59	57	58	63

¹ For period of record through 1975.

² Data not available; figures are for a nearby station.

³ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, Comparative Climatic Data, annual.

NO. 380. AVERAGE WIND SPEED—SELECTED CITIES

[In miles per hour. Airport data, except as noted. For period of record through 1977]

STATE AND STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
Ala.----Mobile	29	10.7	10.9	11.2	10.5	9.0	7.8	7.0	6.9	8.1	8.3	9.5	10.2	9.2	
Alaska----Juneau	34	8.5	8.8	8.9	8.5	7.9	7.6	7.5	8.0	9.7	8.7	9.3	8.5		
Ariz.----Phoenix	32	5.1	5.8	6.6	6.9	7.0	6.9	7.2	6.6	6.3	5.8	5.3	5.1	6.2	
Ark.----Little Rock	35	8.8	9.3	10.1	9.5	8.0	7.6	6.9	6.6	7.0	7.0	8.3	8.6	8.1	
Calif.----Los Angeles	29	8.6	7.3	8.0	8.4	8.2	7.9	7.7	7.6	7.2	6.8	6.5	6.4	7.4	
	Sacramento	29	7.7	7.9	9.1	9.1	9.4	10.0	9.2	8.7	7.8	6.8	6.3	7.1	8.3
	San Francisco	50	7.1	8.5	10.4	12.1	13.2	13.9	13.5	12.8	11.0	9.3	7.2	6.8	10.5
Colo.----Denver	29	9.2	9.4	10.1	10.4	9.6	9.2	8.5	8.2	8.2	8.2	8.7	9.0	9.1	
Conn.----Hartford	23	9.4	9.8	10.4	10.6	9.3	8.4	7.8	7.6	7.6	8.1	8.7	8.9	8.9	
Del.----Wilmington	29	9.8	10.5	11.2	10.4	9.0	8.4	7.7	7.4	7.9	8.2	9.2	9.4	9.1	
D.C.----Washington	29	10.0	10.5	10.9	10.5	9.2	8.8	8.1	8.0	8.2	8.6	9.3	9.4	9.3	
Fla.----Jacksonville	28	8.4	9.5	9.4	9.1	8.6	8.4	7.5	7.3	8.2	8.7	8.2	8.2	8.5	
	Miami	28	9.4	10.1	10.4	10.7	9.5	8.1	7.8	7.8	8.1	9.3	9.5	9.1	9.1
Ga.----Atlanta	39	10.5	11.0	10.9	10.1	8.6	7.9	7.4	7.0	8.0	8.4	9.1	9.8	9.1	
Hawaii----Honolulu	28	9.9	10.8	11.6	12.2	12.3	12.9	13.7	13.5	11.7	10.9	11.1	11.0	11.8	
Idaho----Boise	38	8.5	9.3	10.4	10.4	9.6	9.2	8.5	8.3	8.3	8.6	8.6	8.4	9.0	
Ill.----Chicago	19	11.6	11.6	11.8	12.1	10.5	9.1	8.0	8.1	8.7	9.8	11.0	10.9	10.3	
	Pearl	34	11.2	11.6	12.3	12.2	10.3	9.2	8.0	7.8	9.5	11.2	11.0	10.3	
Ind.----Indianapolis	29	11.1	11.2	11.9	11.4	9.6	8.6	7.5	7.2	8.1	8.9	10.6	10.5	9.7	
Iowa----Des Moines	28	11.8	11.3	13.1	13.3	11.5	10.5	9.0	8.8	9.5	10.5	11.7	11.5	11.1	
Kans.----Wichita	24	12.4	13.0	14.5	14.5	12.9	12.5	11.2	11.3	11.6	12.2	12.3	12.2	12.5	
Ky.----Louisville	30	9.7	9.9	10.5	10.0	8.1	7.4	6.7	6.4	6.8	7.2	9.0	9.3	8.4	
La.----New Orleans	29	9.5	10.0	10.2	9.6	8.2	6.9	6.2	6.1	7.4	7.6	8.8	9.2	8.3	
Maine----Portland	37	9.2	9.6	10.1	10.0	9.2	8.2	7.6	7.5	7.8	8.5	8.8	9.1	8.8	
Md.----Baltimore	27	9.9	10.7	11.2	10.9	9.5	8.7	8.1	8.1	8.3	8.9	9.5	9.4	9.4	
Mass.----Boston	20	14.2	14.1	14.0	13.4	12.2	11.3	10.8	10.8	11.2	12.1	13.0	13.8	12.6	
Mich.----Detroit	43	11.7	11.6	11.5	11.1	9.9	9.1	8.4	8.1	8.9	9.6	11.4	11.4	10.2	
	Sault Ste. Marie	36	10.1	10.0	10.4	10.7	10.2	8.8	8.2	8.1	8.9	9.5	10.1	10.0	9.6
Minn.----Duluth	28	12.0	11.8	12.1	13.1	12.3	10.8	9.8	9.7	10.5	11.4	12.1	11.4	11.4	
	Minneapolis-St. Paul	39	10.4	10.6	11.3	12.3	11.3	10.5	9.3	9.1	9.8	10.4	11.0	10.4	10.5
Miss.----Jackson	14	9.0	8.9	9.6	8.8	7.2	6.3	6.0	5.7	6.5	6.5	7.8	8.6	7.6	
Mo.----Kansas City	5	10.9	11.9	12.4	11.9	9.7	9.5	8.4	8.9	8.6	9.7	11.0	10.9	10.3	
	St. Louis	28	10.3	10.9	11.8	11.3	9.3	8.6	7.7	7.4	7.9	8.5	9.9	10.3	9.5
Mont.----Great Falls	36	15.8	14.9	13.6	13.1	11.6	11.4	10.2	10.5	11.6	13.6	14.9	16.0	13.1	
Nebr.----Omaha	42	11.1	11.4	12.7	13.1	11.4	10.4	9.1	9.1	9.6	10.0	11.1	10.8	10.8	
Nev.----Reno	35	5.8	6.1	7.6	8.0	7.7	7.3	6.6	6.2	5.5	5.8	6.2	5.0	6.4	
N.H.----Concord	36	7.3	7.9	8.3	7.9	7.1	6.3	5.6	5.3	5.5	5.9	6.5	7.0	6.7	
N.J.----Atlantic City	19	11.7	12.2	12.5	12.1	10.7	9.7	9.0	8.6	9.1	9.7	11.1	11.3	10.6	
N. Mex.----Albuquerque	38	8.0	8.8	10.1	11.0	10.5	10.0	9.1	8.2	8.6	8.3	7.9	7.7	9.0	
N.Y.----Albany	39	9.8	10.4	10.7	10.5	9.1	8.2	7.4	7.0	7.3	8.0	8.9	9.2	8.9	
	Buffalo	38	14.5	14.1	13.8	13.0	11.8	11.2	10.6	10.0	10.6	11.4	13.0	13.5	12.3
	New York ¹	58	10.7	10.8	11.0	10.4	8.8	8.1	7.7	7.6	8.1	9.0	9.9	10.4	9.4
N.C.----Charlotte	28	8.0	8.5	8.9	9.0	7.6	6.9	6.6	6.6	6.8	7.1	7.3	7.4	7.6	
	Raleigh	28	8.6	9.2	9.5	9.2	7.8	7.0	6.7	6.5	6.9	7.3	7.9	8.1	7.9
N. Dak.----Bismarck	38	10.1	10.1	11.2	12.4	12.1	10.9	9.5	9.7	10.2	10.1	10.3	9.6	10.5	
Ohio.----Cincinnati	30	10.7	10.7	11.2	10.8	8.8	7.9	7.1	6.7	7.4	8.0	9.6	10.2	9.1	
	Cleveland	36	12.5	12.4	12.5	11.8	10.3	9.4	8.7	8.3	9.1	10.0	12.1	12.3	10.8
Oklahoma City	29	13.2	13.6	15.0	15.0	13.2	12.7	11.2	10.8	11.4	12.1	12.6	12.7	12.8	
Oreg.----Portland	29	10.0	8.9	8.4	7.2	6.9	7.0	7.5	7.1	6.4	6.4	8.4	9.6	7.8	
Pa.----Philadelphia	37	10.4	11.1	11.5	11.0	9.7	8.8	8.1	7.9	8.3	8.9	9.7	10.1	9.6	
	Pittsburgh	25	10.8	11.1	10.7	9.3	8.2	7.5	7.2	7.7	8.5	10.1	10.6	9.4	
R.I.----Providence	24	11.5	11.8	12.3	12.4	11.0	10.0	9.5	9.4	9.5	9.8	10.5	11.1	10.7	
S.C.----Columbia	29	7.0	7.6	8.3	8.4	7.0	6.7	6.5	6.0	6.1	6.2	6.4	6.6	6.9	
S. Dak.----Sioux Falls	29	11.0	11.1	12.6	13.4	12.1	10.8	9.8	9.8	10.3	10.8	11.6	10.8	11.2	
Tenn.----Memphis	29	10.6	10.6	11.4	10.7	8.9	8.1	7.5	7.1	7.6	7.8	9.4	10.1	9.1	
	Nashville	36	9.2	9.5	10.0	9.5	7.6	7.0	6.3	6.1	6.3	6.6	8.4	8.9	8.0
Tex.----Dallas	24	11.3	12.1	13.2	12.8	11.2	10.9	9.5	9.1	9.5	9.7	10.8	11.1	10.9	
	El Paso	35	9.0	9.9	11.8	11.1	10.0	10.0	8.9	8.4	8.3	8.1	8.5	8.5	9.5
Houston	8	8.1	8.7	9.5	9.2	7.9	7.4	6.4	5.3	6.5	6.4	7.7	7.7	7.6	
Utah.----Salt Lake City	48	7.7	8.2	9.3	9.5	9.4	9.3	9.4	9.6	9.1	8.5	7.8	7.5	8.7	
Vt.----Burlington	34	9.6	9.4	9.4	9.3	8.8	8.2	7.8	7.5	8.0	8.6	9.5	9.7	8.8	
Va.----Norfolk	29	11.6	12.1	12.4	11.8	10.3	9.6	8.8	8.8	9.6	10.4	10.7	11.0	10.6	
	Richmond	29	7.9	8.6	8.9	8.8	7.7	7.2	6.7	6.3	6.6	6.8	7.4	7.5	7.5
Wash.----Seattle-Tacoma	29	10.2	9.9	10.2	9.7	9.2	8.9	8.4	8.0	8.2	8.8	9.3	10.0	9.2	
	Spokane	30	8.9	9.2	9.6	9.7	8.9	8.0	8.3	8.1	8.0	8.1	8.3	8.8	8.7
W. Va.----Charleston	30	7.6	8.0	8.5	7.7	6.3	5.6	5.0	4.4	4.8	5.3	6.9	7.3	6.5	
Wis.----Milwaukee	37	12.9	12.8	13.3	13.1	11.9	10.5	9.7	9.6	10.7	11.5	12.7	12.5	11.8	
Wyo.----Cheyenne	20	15.7	15.3	14.9	14.7	13.0	11.7	10.5	10.7	11.4	12.5	13.8	15.0	13.3	
P.R.----San Juan	22	9.2	9.3	9.7	9.4	8.8	9.2	10.0	9.3	7.7	7.0	7.7	8.8	8.8	

¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 381. AVERAGE RELATIVE HUMIDITY,

(Airport data, except as noted. Eastern standard time. For period of record through 1977. Hours selected to give, observations were made on

STATE AND STATION	Length of rec- ord (yr.)	JAN.		FEB.		MAR.		APR.		MAY		JUNE	
		7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.	7:00 a.m.	1:00 p.m.
Ala.----Mobile.....	15	82	63	80	54	83	56	87	54	86	53	87	54
Alaska----Juneau.....	34	79	76	81	75	79	70	75	65	74	62	76	65
Ariz.----Phoenix.....	17	43	30	37	25	32	22	23	15	18	13	17	12
Ark.----Little Rock.....	17	81	61	79	57	78	56	82	56	86	56	86	54
Calif.----Los Angeles.....	18	54	59	58	62	60	65	60	63	66	66	70	68
	Sacramento.....	17	85	69	79	60	67	61	57	42	51	36	47
	San Francisco.....	18	78	66	75	65	69	62	65	60	64	60	64
Colo.----Denver.....	17	44	47	43	42	41	40	38	35	38	36	37	36
Conn.----Hartford.....	18	71	57	73	56	72	53	69	44	73	47	78	52
Del.----Wilmington.....	30	75	60	74	58	74	53	73	50	76	53	79	54
D.C.----Washington.....	17	68	54	68	51	68	49	68	47	72	51	75	52
Fla.----Jacksonville.....	41	87	57	85	52	85	49	85	48	84	50	86	56
	Miami.....	13	84	60	83	57	82	57	79	54	83	61	87
Ga.----Atlanta.....	17	79	60	75	54	78	52	80	51	83	55	86	58
Hawaii----Honolulu.....	8	81	63	76	59	73	59	70	58	66	64	65	53
Idaho----Boise.....	38	74	71	68	61	55	44	47	36	45	34	42	31
Ill.----Chicago.....	19	76	68	76	65	78	61	76	55	76	54	78	55
	Peoria.....	18	78	68	79	66	81	63	78	56	81	57	81
Ind.----Indianapolis.....	18	81	69	80	66	80	63	78	55	82	56	83	58
Iowa----Des Moines.....	16	76	69	79	67	79	63	78	57	78	56	80	56
Kans.----Wichita.....	24	79	63	78	59	76	53	77	52	83	55	82	53
Ky.----Louisville.....	17	77	64	76	62	76	58	75	53	83	55	84	58
La.----New Orleans.....	29	86	67	85	63	85	61	88	60	89	60	89	62
Maine----Portland.....	37	77	62	77	60	75	59	73	55	75	58	79	61
Md.----Baltimore.....	24	72	58	71	55	71	51	72	49	77	52	80	53
Mass.----Boston.....	13	66	57	67	57	68	57	66	53	70	57	74	60
Mich.----Detroit.....	44	78	68	78	65	77	60	73	52	71	61	73	53
	Sault Ste. Marie.....	36	82	76	82	73	83	68	80	61	79	56	85
Minn.----Duluth.....	16	75	69	75	64	78	63	77	57	76	54	81	60
	Minneapolis-St. Paul.....	18	78	67	74	65	77	64	76	54	76	53	79
Miss.----Jackson.....	14	87	65	86	58	87	57	90	56	91	56	90	55
Mo.----Kansas City.....	5	74	64	75	62	77	61	75	56	83	58	83	57
	St. Louis.....	17	82	65	80	61	81	58	79	64	83	56	84
Mont.----Great Falls.....	16	62	61	58	54	53	46	49	42	45	40	45	40
Nebr.----Omaha.....	14	76	65	77	61	76	57	76	53	79	54	81	55
Nev.----Reno.....	14	67	50	57	39	46	32	38	28	34	25	33	24
N.H.----Concord.....	12	74	59	75	59	79	57	76	46	79	49	87	56
N.J.----Atlantic City.....	13	75	57	77	56	77	55	75	50	78	56	83	58
N. Mex.----Albuquerque.....	17	49	38	43	31	32	23	25	18	23	16	23	16
N.Y.----Albany.....	12	79	63	76	58	73	54	69	46	75	52	79	56
	Buffalo.....	17	78	73	79	70	80	67	76	58	76	56	78
	New York.....	56	68	60	68	58	67	55	67	51	71	53	74
N.C.----Charlotte.....	17	78	57	75	51	79	50	79	47	84	53	86	57
	Raleigh.....	18	78	55	74	58	79	48	80	44	87	55	88
N. Dak.----Bismarck.....	18	73	67	76	68	78	62	79	53	79	49	84	53
Ohio.----Cincinnati.....	15	78	67	76	62	77	60	78	53	79	53	82	55
	Cleveland.....	17	76	69	77	68	77	65	75	57	77	58	80
	Columbus.....	18	76	67	75	64	74	68	75	52	79	54	81
Oklahoma.----Oklahoma City.....	12	79	60	77	54	75	52	78	52	83	57	84	56
Oreg.----Portland.....	37	82	76	79	67	72	60	68	54	66	53	64	49
Pa.----Philadelphia.....	18	73	59	71	56	71	53	69	48	75	52	78	55
	Pittsburgh.....	18	76	66	73	62	74	58	72	50	75	51	79
R.I.----Providence.....	14	71	50	70	55	70	54	68	47	71	51	76	57
S.C.----Columbia.....	11	83	56	81	47	83	48	83	43	88	50	88	53
S. Dak.----Sioux Falls.....	14	75	67	78	66	81	62	80	55	80	52	81	55
Tenn.----Memphis.....	38	79	64	78	59	77	56	78	53	82	55	83	56
	Nashville.....	12	80	65	78	58	78	53	81	52	87	60	88
Tex.----Dallas-Fort Worth.....	14	80	60	78	56	79	57	85	59	88	61	86	56
	El Paso.....	17	42	33	34	25	28	20	22	15	22	15	24
	Houston.....	8	88	64	87	55	88	61	91	60	94	61	92
Utah.----Salt Lake City.....	18	69	67	63	57	51	44	44	39	37	31	31	26
Vt.----Burlington.....	12	69	63	72	63	72	59	74	52	74	51	80	58
Va.----Norfolk.....	29	75	59	74	56	73	54	73	50	78	56	79	57
	Richmond.....	43	81	57	79	52	78	48	75	45	79	50	82
Wash.----Seattle-Tacoma.....	18	79	75	76	66	75	63	71	58	68	64	67	53
	Spokane.....	18	82	77	78	68	67	54	56	43	51	40	48
W. Va.----Charleston.....	30	77	63	76	59	74	53	75	47	82	50	86	54
Wis.----Milwaukee.....	17	75	68	76	67	79	66	79	62	78	61	82	62
Wyo.----Cheyenne.....	18	44	48	43	45	45	45	41	39	39	40	39	40
P.R.----San Juan.....	22	80	64	79	62	77	60	74	61	77	64	78	65

¹ City office data.

PERCENT—SELECTED CITIES

for most of country, approximation of average highest and average lowest humidity values. Relative humidity the half-hour prior to 1957]

JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		ANNUAL		STATE AND STATION
7:00 a.m.	1:00 p.m.													
89	60	89	61	88	61	85	52	85	56	84	62	85	57	Ala.... Mobile.
81	70	84	74	87	78	87	81	85	82	82	81	81	73	Alaska... Juneau.
28	20	33	23	32	23	30	22	37	27	46	34	31	22	Ariz.... Phoenix.
87	58	88	56	89	60	85	51	82	57	80	62	84	57	Ark.... Little Rock.
68	68	69	69	67	68	60	65	57	63	55	61	62	65	Calif.... Los Angeles.
47	28	49	29	51	31	57	39	75	59	85	71	63	46	Sacramento.
66	60	67	62	65	59	67	59	74	64	78	69	69	62	San Francisco.
36	36	35	35	39	36	35	35	44	49	44	50	49	49	Colo.... Denver.
79	51	84	53	87	56	84	52	79	57	78	62	77	53	Conn.... Hartford.
80	54	83	56	85	55	84	54	80	56	77	60	78	55	Del.... Wilmington.
75	52	79	54	80	55	78	51	73	52	71	57	73	52	D.C.... Washington.
87	58	90	60	91	62	90	58	89	55	88	58	87	55	Fla.... Jacksonville.
86	65	87	66	89	68	87	65	84	61	83	59	84	62	Miami.
90	63	91	62	90	61	84	53	81	54	80	59	83	57	Ga.... Atlanta.
65	51	66	53	65	52	67	54	73	58	76	60	70	56	Hawaii. Honolulu.
33	22	34	23	39	30	49	41	65	61	74	72	52	44	Idaho... Boise.
81	57	84	57	84	58	81	55	81	64	80	71	79	60	Ill.... Chicago.
86	58	87	60	87	59	84	58	83	66	83	72	82	61	Peoria.
87	60	90	61	90	60	88	57	85	67	83	73	84	62	Ind.... Indianapolis.
81	56	84	58	84	60	78	55	79	63	80	70	80	61	Iowa... Des Moines.
78	49	79	50	82	56	81	53	79	56	79	61	79	55	Kans.... Wichita.
86	58	88	58	89	60	86	55	79	61	77	65	81	59	Ky.... Louisville.
91	66	91	66	90	66	88	59	86	61	86	67	88	63	La.... New Orleans.
80	60	84	59	86	61	85	59	84	63	80	62	80	60	Maine... Portland.
81	53	84	55	85	56	82	54	77	54	74	59	77	54	Md.... Baltimore.
73	56	75	57	79	61	76	57	74	61	72	61	72	58	Mass.... Boston.
74	51	80	53	82	55	81	55	79	64	79	69	77	58	Mich.... Detroit.
88	62	92	63	92	67	89	67	87	76	84	78	85	67	Sault Ste. Marie.
84	58	87	62	87	63	81	62	81	70	79	74	80	63	Minn.... Duluth.
81	54	84	55	86	60	82	58	81	66	78	70	79	60	Minneapolis-St. Paul.
93	59	94	60	94	61	93	54	90	58	88	65	90	59	Jackson.
80	52	86	58	87	64	81	59	79	62	77	65	80	59	Kansas City.
86	57	89	57	91	61	85	55	84	62	85	69	84	59	St. Louis.
37	28	38	30	46	37	46	41	55	54	61	61	50	44	Mont.... Great Falls.
83	56	86	59	87	61	82	56	80	62	80	67	80	59	Nebr.... Omaha.
28	19	32	21	34	21	40	26	56	40	65	51	44	31	Nev.... Reno.
88	53	90	54	92	58	88	54	85	62	81	66	83	56	N.H.... Concord.
84	58	86	57	87	58	86	56	81	57	76	59	81	56	N.J.... Atlantic City.
36	28	39	29	40	31	37	29	42	34	50	42	38	28	N.Mex.... Albuquerque.
80	55	84	56	88	59	85	56	82	63	81	67	79	57	N.Y.... Albany.
79	55	83	58	83	60	82	61	82	71	82	75	80	63	Buffalo.
75	55	78	57	79	57	76	55	73	59	70	61	72	56	New York. ¹
88	58	89	59	90	57	88	53	83	52	80	57	83	54	N.C.... Charlotte.
90	59	93	61	93	59	90	54	83	49	80	56	84	54	Raleigh.
82	46	81	43	82	49	78	50	79	62	76	69	79	56	N.Dak.... Bismarck.
85	57	88	57	88	59	83	55	79	63	79	69	81	59	Ohio.... Cincinnati.
82	58	85	60	84	61	80	60	70	67	77	71	79	63	Cleveland.
84	56	87	58	88	58	82	55	81	64	78	69	80	59	Columbus.
81	50	82	51	85	57	80	52	78	54	77	57	80	54	Oklahoma City.
61	45	65	46	67	49	79	64	82	74	84	79	72	60	Oreg.... Portland.
79	54	81	55	83	56	82	53	77	55	74	60	76	55	Pa.... Philadelphia.
83	53	86	55	86	57	81	54	79	62	76	67	78	57	Pittsburgh.
78	57	79	55	82	57	80	54	77	58	76	60	75	55	R.I.... Providence.
90	56	83	59	94	57	91	52	88	49	85	55	87	52	S.C.... Columbia.
81	51	83	51	86	57	80	55	82	64	79	70	81	59	S. Dak.... Sioux Falls.
85	57	86	56	86	56	83	51	80	55	79	62	81	57	Tenn.... Memphis.
91	59	92	60	91	61	87	56	80	59	80	64	84	58	Nashville.
81	50	83	52	88	60	84	56	81	56	79	58	83	57	Tex.... Dallas-Fort Worth.
39	30	40	31	44	34	36	28	37	31	43	35	34	26	El Paso.
93	58	94	61	94	65	93	59	90	60	88	62	91	60	Houston.
26	20	29	22	34	27	43	40	57	58	70	71	46	42	Utah.... Salt Lake City.
81	55	85	59	88	65	83	63	81	70	77	72	78	61	Vt.... Burlington.
82	60	85	62	84	62	83	61	78	55	75	59	78	58	Va.... Norfolk.
85	56	88	57	89	56	89	53	84	50	81	55	83	53	Richmond.
65	49	70	53	74	58	80	68	80	74	81	77	74	62	Wash.... Seattle-Tacoma.
38	25	43	28	50	34	66	49	81	74	84	81	82	51	Spokane.
90	60	92	68	91	55	88	53	80	56	77	62	82	56	W.Va.... Charleston.
82	60	87	62	87	63	82	58	81	67	80	73	81	64	Wis.... Milwaukee.
34	37	34	35	36	37	36	39	41	47	43	49	40	42	Wyo.... Cheyenne.
78	66	79	65	79	66	80	66	81	66	80	65	78	64	P.R.... San Juan.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

**NO. 382. NORMAL MONTHLY AND SEASONAL HEATING DEGREE DAYS, 65° BASE—
SELECTED CITIES**

[Airport data, except as noted. Based on standard 30-year period, 1941 through 1970. For definition of "degree day," see text, p. 203]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal	
Ala.--- Mobile	451	337	221	40	—	—	—	—	—	39	211	385	1,684	
Alaska--- Juneau	1,287	1,036	1,026	783	564	354	288	332	474	719	975	1,169	9,007	
Ariz.--- Phoenix	428	292	185	60	—	—	—	—	—	17	182	388	1,552	
Ark.--- Little Rock	791	619	470	139	21	—	—	—	—	5	143	441	725	
Calif.--- Los Angeles	331	270	267	195	114	71	19	15	23	77	158	267	1,819	
	Sacramento	617	426	372	227	120	20	—	—	5	101	360	595	
	San Francisco	518	388	372	291	210	120	93	84	66	137	291	474	
Colo.--- Denver	1,088	902	868	525	253	80	—	—	—	120	408	768	6,016	
Conn.--- Hartford	1,246	1,070	911	510	226	24	—	—	12	106	384	711	1,141	
Del.--- Wilmington	1,023	879	725	381	128	—	—	—	32	254	579	939	4,940	
D.C.--- Washington	911	776	617	265	72	—	—	—	14	190	510	866	4,211	
Fla.--- Jacksonville	348	282	176	24	—	—	—	—	—	19	161	317	1,327	
	Miami	53	67	17	—	—	—	—	—	—	13	56	206	
Ga.--- Atlanta	701	560	443	144	27	—	—	—	8	137	408	667	3,095	
Hawaii--- Honolulu	—	—	—	—	—	—	—	—	—	—	—	—	—	
Idaho--- Boise	1,116	826	741	480	252	97	—	—	12	127	406	756	1,020	
Ill.--- Chicago	1,305	1,089	908	486	240	45	—	18	90	380	774	1,175	6,497	
Ind.--- Peoria	1,277	1,044	859	416	180	17	7	8	70	327	753	1,147	6,098	
Iowa--- Des Moines	1,150	960	784	387	159	11	—	5	63	302	699	1,087	5,577	
Kans.--- Wichita	1,414	1,142	964	465	186	26	—	13	94	350	816	1,240	6,710	
Ky.--- Louisville	1,046	804	671	275	90	7	—	—	32	211	666	946	4,687	
La.--- New Orleans	983	818	661	286	105	5	—	—	35	241	600	911	4,645	
Maine--- Portland	403	299	188	29	—	—	—	—	—	40	179	327	1,465	
Md.--- Baltimore	1,349	1,179	1,029	669	381	106	27	55	200	493	702	1,218	7,498	
Mass.--- Boston	980	846	688	340	110	—	—	—	27	250	567	921	4,729	
Mich.--- Detroit	1,225	1,067	918	507	238	26	—	8	76	301	594	992	5,621	
Minn.--- Duluth	1,751	1,394	1,271	804	496	200	96	125	291	583	966	1,392	9,193	
	Minneapolis-St. Paul	1,637	1,358	1,138	597	271	65	11	21	173	472	978	1,438	
Miss.--- Jackson	569	442	313	74	6	—	—	—	—	91	301	504	2,300	
Mo.--- Kansas City	1,153	893	745	314	111	12	—	—	42	235	642	1,014	5,161	
	St. Louis	1,045	837	682	272	103	10	—	—	35	224	600	942	
Mont.--- Great Falls	1,380	1,075	1,070	648	367	162	18	42	260	524	912	1,194	7,652	
Nebr.--- Omaha	1,314	1,036	865	391	148	20	—	6	71	301	750	1,147	6,049	
Nev.--- Reno	1,026	781	766	546	328	145	17	50	168	456	747	992	6,022	
N.H.--- Concord	1,376	1,187	1,014	624	315	58	16	45	182	487	810	1,246	7,360	
N.J.--- Atlantic City	1,001	871	741	399	131	9	—	—	35	262	570	927	4,946	
N.Mex.--- Albuquerque	924	700	595	282	58	—	—	—	7	213	615	893	4,292	
N.Y.--- Albany	1,349	1,162	980	543	253	39	9	22	135	422	762	1,212	6,888	
	Buffalo	1,280	1,187	1,020	603	321	58	12	33	138	419	756	1,160	
New York	1,017	886	741	387	137	—	—	—	28	209	528	915	4,848	
N.C.--- Charlotte	710	588	461	145	34	—	—	—	10	152	420	698	3,218	
N.Dak.--- Bismarck	1,761	1,442	1,237	660	339	122	18	35	252	564	1,083	1,531	9,044	
Ohio.--- Cincinnati	1,051	888	722	341	138	9	—	—	44	271	636	970	5,070	
	Cleveland	1,181	1,030	896	501	244	40	9	17	95	354	702	1,076	
	Columbus	1,135	972	800	418	176	13	—	8	76	342	699	1,063	
Okla.--- Oklahoma City	874	664	532	180	36	—	—	—	12	148	474	775	3,695	
Oreg.--- Portland	834	622	598	432	264	128	48	56	119	347	501	753	4,792	
Pa.--- Philadelphia	1,014	871	716	367	122	—	—	—	38	249	564	924	4,365	
Pittsburgh	1,144	1,000	834	444	208	26	7	16	98	372	711	1,070	5,980	
R.I.--- Providence	1,135	997	871	531	259	36	—	10	93	350	651	1,039	5,972	
S.C.--- Columbia	608	493	360	83	12	—	—	—	—	112	341	589	2,598	
S. Dak.--- Sioux Falls	1,575	1,277	1,085	567	259	65	10	18	165	465	957	1,395	7,888	
Tenn.--- Memphis	760	594	457	181	22	—	—	—	7	142	423	691	3,227	
	Nashville	828	672	524	176	45	—	—	10	180	498	763	3,696	
Tex.--- Dallas-Fort Worth	626	456	335	88	—	—	—	—	—	60	287	530	2,382	
	E. El Paso	663	465	328	89	—	—	—	—	92	402	639	2,678	
	Houston	416	294	189	23	—	—	—	—	24	155	333	1,434	
Utah--- Salt Lake City	1,147	885	787	474	287	88	—	5	105	402	777	1,076	5,983	
Vt.--- Burlington	1,494	1,299	1,113	680	331	63	20	49	191	502	840	1,314	7,876	
Va.--- Norfolk	760	661	532	226	53	—	—	—	9	141	402	704	3,488	
	Richmond	853	717	566	226	64	—	—	21	203	480	806	3,939	
Wash.--- Seattle-Tacoma	831	636	648	459	313	167	80	82	170	397	612	760	5,185	
	Spokane	1,228	918	853	567	327	144	21	47	198	533	885	1,116	6,835
W. Va.--- Charleston	946	798	642	287	113	10	—	—	46	267	588	893	4,590	
Wis.--- Milwaukee	1,414	1,190	1,042	609	348	90	15	36	140	440	855	1,265	7,444	
Wyo.--- Cheyenne	1,190	1,008	1,035	669	394	156	22	31	225	530	885	1,110	7,255	
P.R.--- San Juan	—	—	—	—	—	—	—	—	—	—	—	—	—	

— Represents zero.

¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81.